

Up-date to the service manual Part II Studer A827 MCH

UP-DATE Tape Deck Section 2

Fuse/supply Failure Detector	1.816.866.00
Power Supply	1.820.353.82
Power Supply	1.820.353.83
Mains Transformer	1.820.625.81
Mains Soft Start Board	1.820.830.84
Distribution Board TD MCH	1.827.865.81
MP Unit Tape Deck Control MCH	1.820.781.31
Motor Tacho	1.820.771.84
Capstan Motor Drive Amplifier PCB	1.820.774.26/1.820.774.27
Tacho Sensor Electronics PCB	1.021.695.86

UP-DATE Master Section 3

MP Unit Master MCH	1.827.784.26
Tape Deck Display Driver Board	1.827.768.82

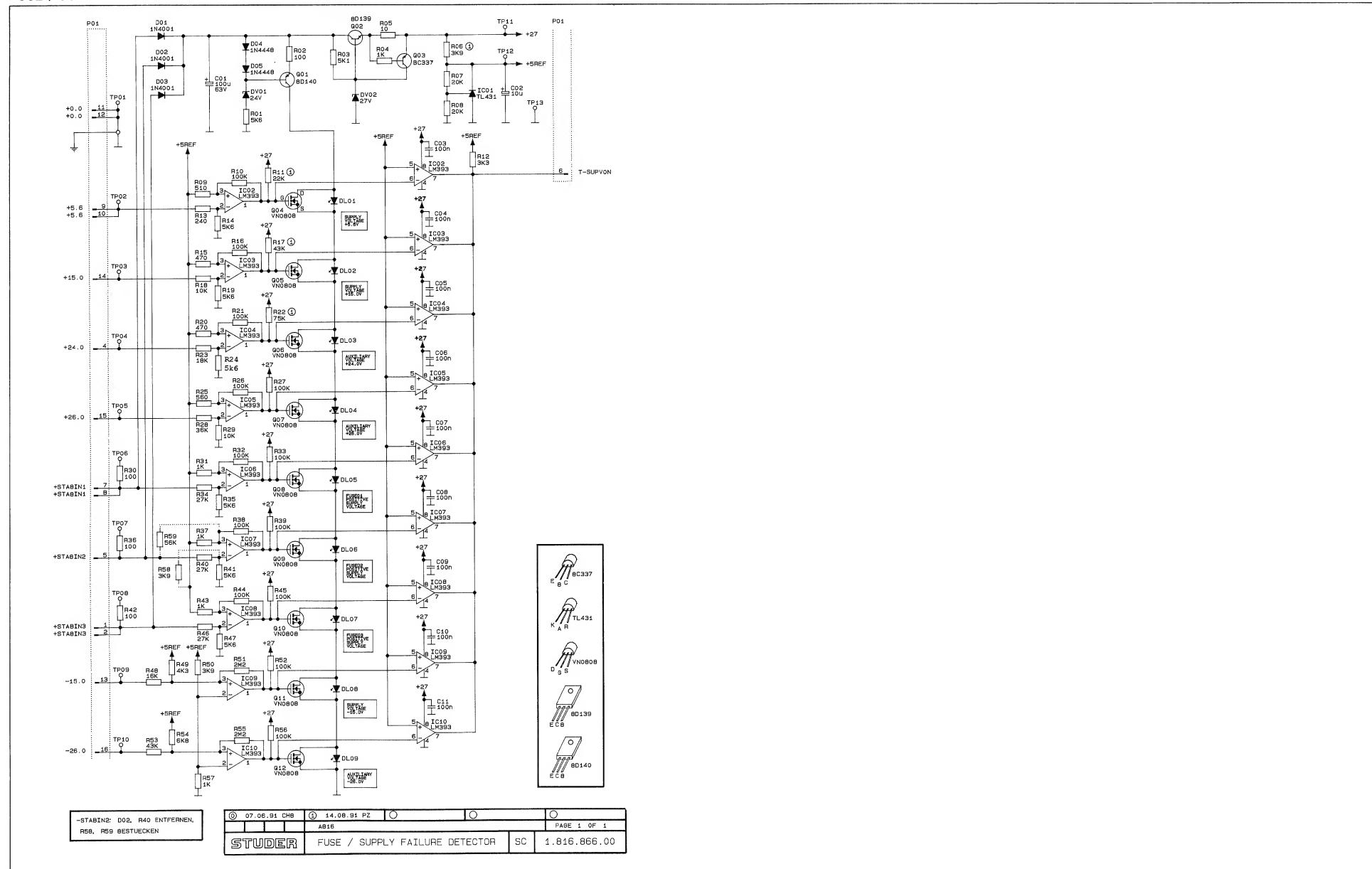
UP-DATE Audio Section 4

MP Unit Audio Control	1.827.782.26
MP Unit Audio Control	1.827.788.24
Audio Basis Board MCH	1.827.700.83

UP-DATE Accessories Section 5

Tape Deck Remote Control Cabinet (Parallel)	1.328.250.81
- Tape Deck Remote Control PCB	1.328.251.81
- Connector Board	1.328.257.81
Parallel Remote Channel Control Interface	1.328.540.00
- Basis Board VU Panel	1.820.705.00
- DC Converter 5,6V	1.820.706.00
- MP Unit Audio Remote IF	1.827.787.23
- Audio Parallel Remote IF	1.328.506.00
- Connector Pre-Wired	1.328.507.00
- KB Audio Remote Par. 8CH+M	1.328.508.00
- KB Audio Remote Par. 8CH	1.328.509.00

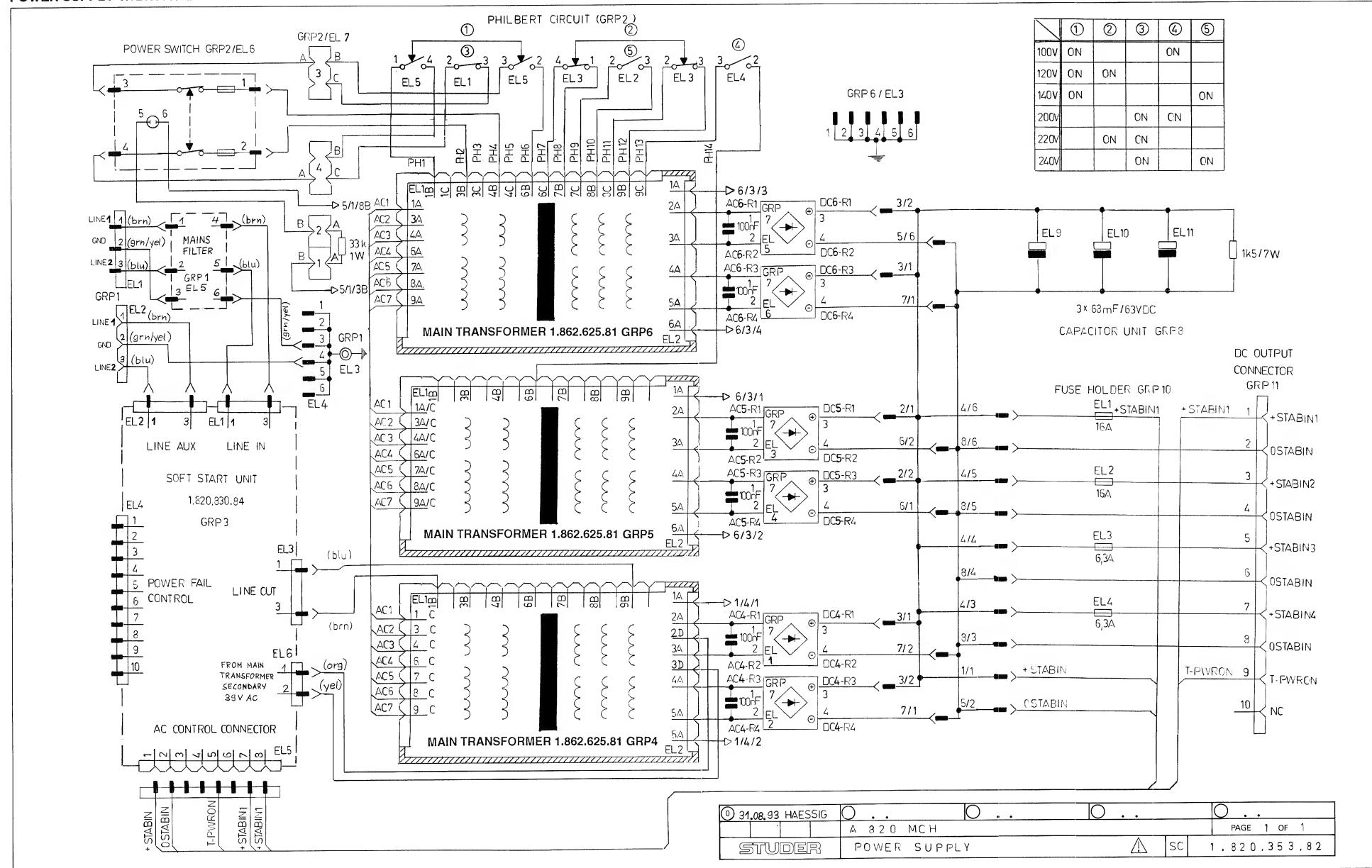
FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00



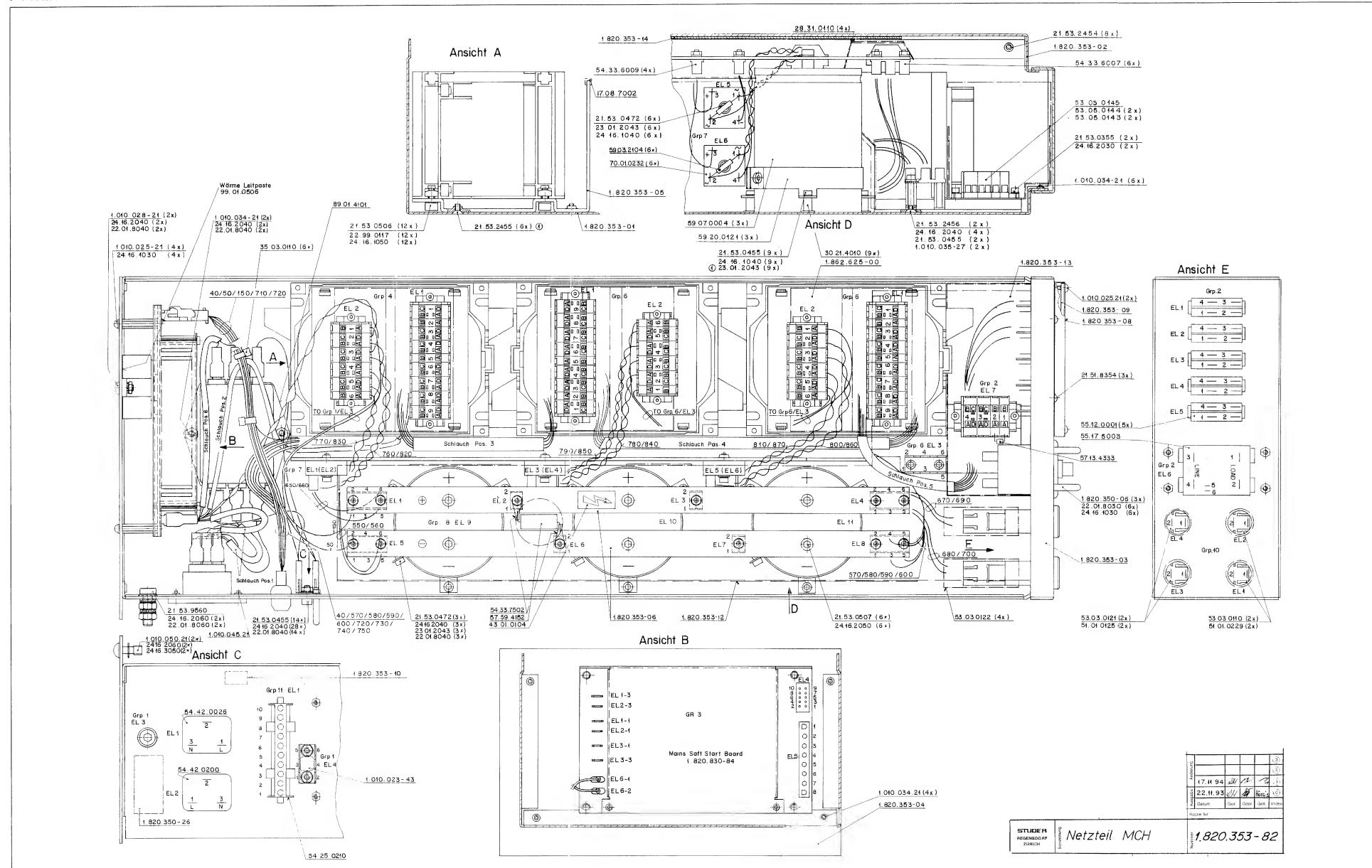
FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00

Ad	..POS..	..REF.No...	DESCRIPTION	MANUFACTURER	Ad	..POS..	..REF.No...	DESCRIPTION	MANUFACTURER
C.....1	59.25.6101	100 uF	-20%, 63 V, EL	Ph	R.....44	57.11.3104	100 kOhm	5%	
C.....2	59.26.2100	10 uF	20%, 16 V, SaI		R.....45	57.11.3104	100 kOhm	5%	
C.....3	59.06.1004	100 nF	10%, PETP		R.....46	57.11.3273	27 kOhm	1%	
C.....4	59.06.0104	100 nF	10%, PETP		R.....48	57.11.3163	5.1 kOhm	1%	
C.....5	59.06.0104	100 nF	10%, PETP		R.....49	57.11.3432	4.3 kOhm	1%	
C.....6	59.06.0104	100 nF	10%, PETP		R.....50	57.11.3393	3.9 kOhm	1%	
C.....7	59.06.0104	100 nF	10%, PETP		R.....51	57.11.3433	2.2 kOhm	5%	
C.....8	59.06.0104	100 nF	10%, PETP		R.....52	57.11.3104	100 kOhm	1%	
C.....9	59.06.0104	100 nF	10%, PETP		R.....53	57.11.3433	43 kOhm	1%	
C.....10	59.06.0104	100 nF	10%, PETP		R.....54	57.11.3682	6.8 kOhm	1%	
C.....11	59.06.0104	100 nF	10%, PETP		R.....55	57.11.5225	2.2 MOhm	5%	
D.....1	50.04.0122	IN 4004	... IN 4004	GI, Mot	R.....56	57.11.3104	100 kOhm	5%	
D.....2	50.04.0122	IN 4003	... IN 4004	GI, Mot	R.....57	57.11.3102	100 kOhm	1%	
D.....3	50.04.0122	IN 4001	... IN 4004	GI, Mot	R.....58	-	0	not used	
D.....4	50.04.0124	IN 4448	... IN 4448	Fc, ITT, Ph, Tf	R.....59	-	0	not used	
D.....5	50.04.0125	IN 4448	... IN 4448	Fc, ITT, Ph, Tf					
DL.....1	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....1	54.02.0320		Testpoint	
DL.....2	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....2	54.02.0320		Testpoint	
DL.....3	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....3	54.02.0320		Testpoint	
DL.....4	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....4	54.02.0320		Testpoint	
DL.....5	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....5	54.02.0320		Testpoint	
DL.....6	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....6	54.02.0320		Testpoint	
DL.....7	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....7	54.02.0320		Testpoint	
DL.....8	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....8	54.02.0320		Testpoint	
DL.....9	50.04.2113	NV 5453	CH 4-384 B, HLMP-3507	GI, HP	TP.....9	54.02.0320		Testpoint	
DV.....1	50.04.1121	24V, 5A,	.40W, Z,		TP.....10	54.02.0320		Testpoint	
DV.....2	50.04.1124	27V, 5A	.40W, Z,		TP.....11	54.02.0320		Testpoint	
IC.....1	50.10.0106	TL431CLP		Hot, TI	TP.....12	54.02.0320		Testpoint	
IC.....2	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....3	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....4	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....5	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....6	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....7	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....8	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....9	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....10	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC.....11	50.05.0283	LM 393 N	LM 393 P	TI, NS					
P.....1	54.14.1214	Winkelstecker 16P							
O.....1	50.03.0452	BD 140		Mot, Ph, SG, Tf, To					
O.....2	50.03.0451	BD 139		Th, Mot, Ph, SG, Tf, To					
O.....3	50.03.0516	BC 337 E		Sie					
O.....4	50.03.0509	BN 0808	ZW0108	Fe, Six					
O.....5	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....6	50.03.1505	VN 0808	ZW0108	Fe, Six					
O.....7	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....8	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....9	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....10	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....11	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....12	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....13	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....14	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....15	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....16	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....17	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....18	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....19	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....20	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....21	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....22	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....23	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....24	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....25	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....26	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....27	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....28	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....29	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....30	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....31	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....32	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....33	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....34	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....35	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....36	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....37	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....38	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....39	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....40	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....41	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....42	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....43	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....44	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....45	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....46	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....47	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....48	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....49	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....50	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....51	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....52	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....53	50.03.1505	VN 0808N	ZW0108	Fe, Six					
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O.....55	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....56	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....57	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....58	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....59	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....60	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....61	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....62	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....63	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....64	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....65	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....66	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....67	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....68	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....69	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....70	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....71	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....72	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....73	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....74	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....75	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....76	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....77	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....78	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....79	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....80	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....81	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....82	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....83	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....84	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....85	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....86	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....87	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....88	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....89	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....90	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....91	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....92	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....93	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....94	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....95	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....96	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....97	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....98	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....99	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....100	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....101	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....102	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....103	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....104	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....105	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....106	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....107	50.03.1505	VN 0808N	ZW0108	Fe, Six					
O.....108	50.03.1505	VN 0808N	ZW0108	Fe, Six					
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O.....110	50.03.1505	VN 0808N	ZW0108	Fe, Six					

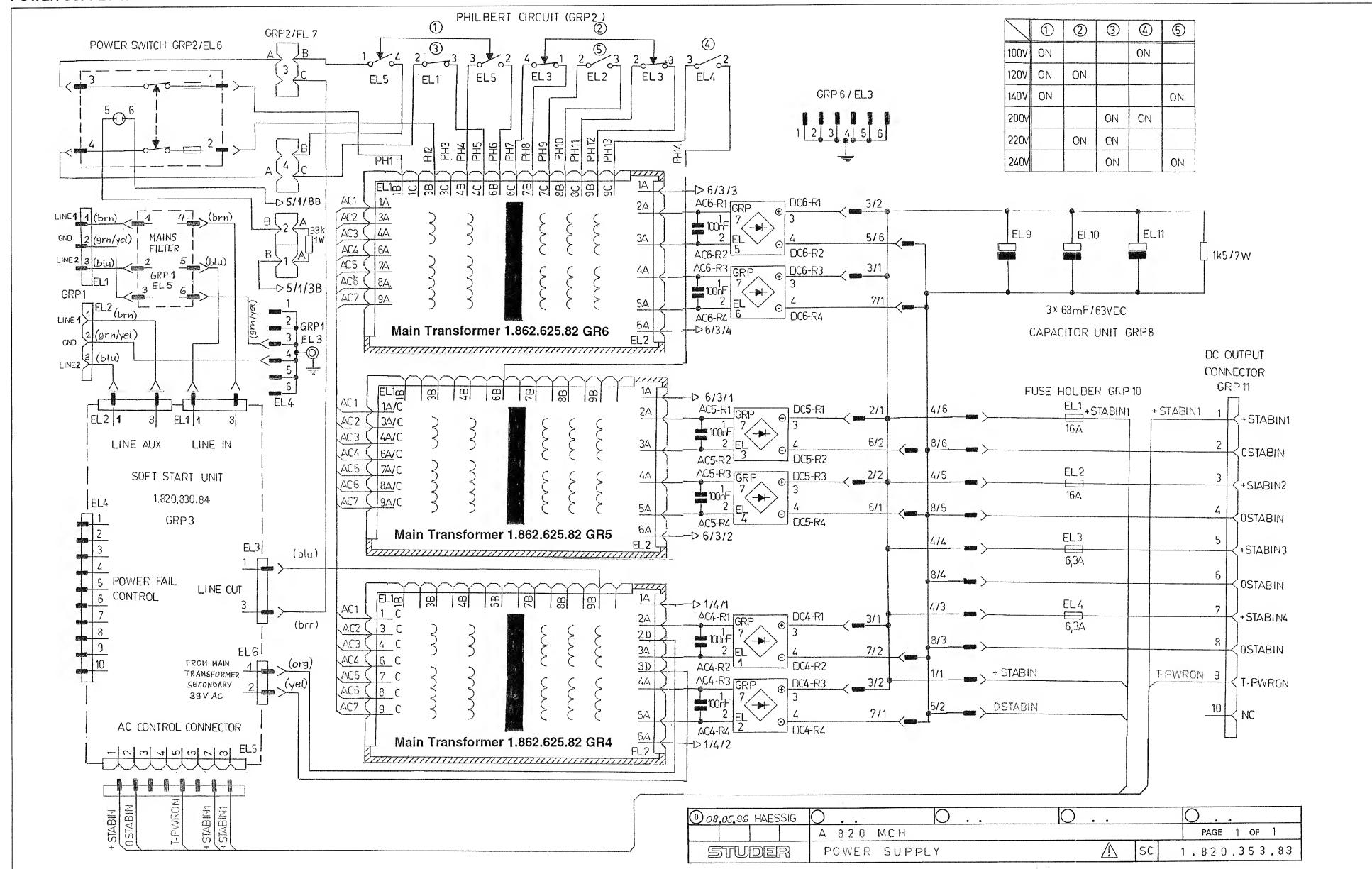
POWER SUPPLY 1.820.353.82



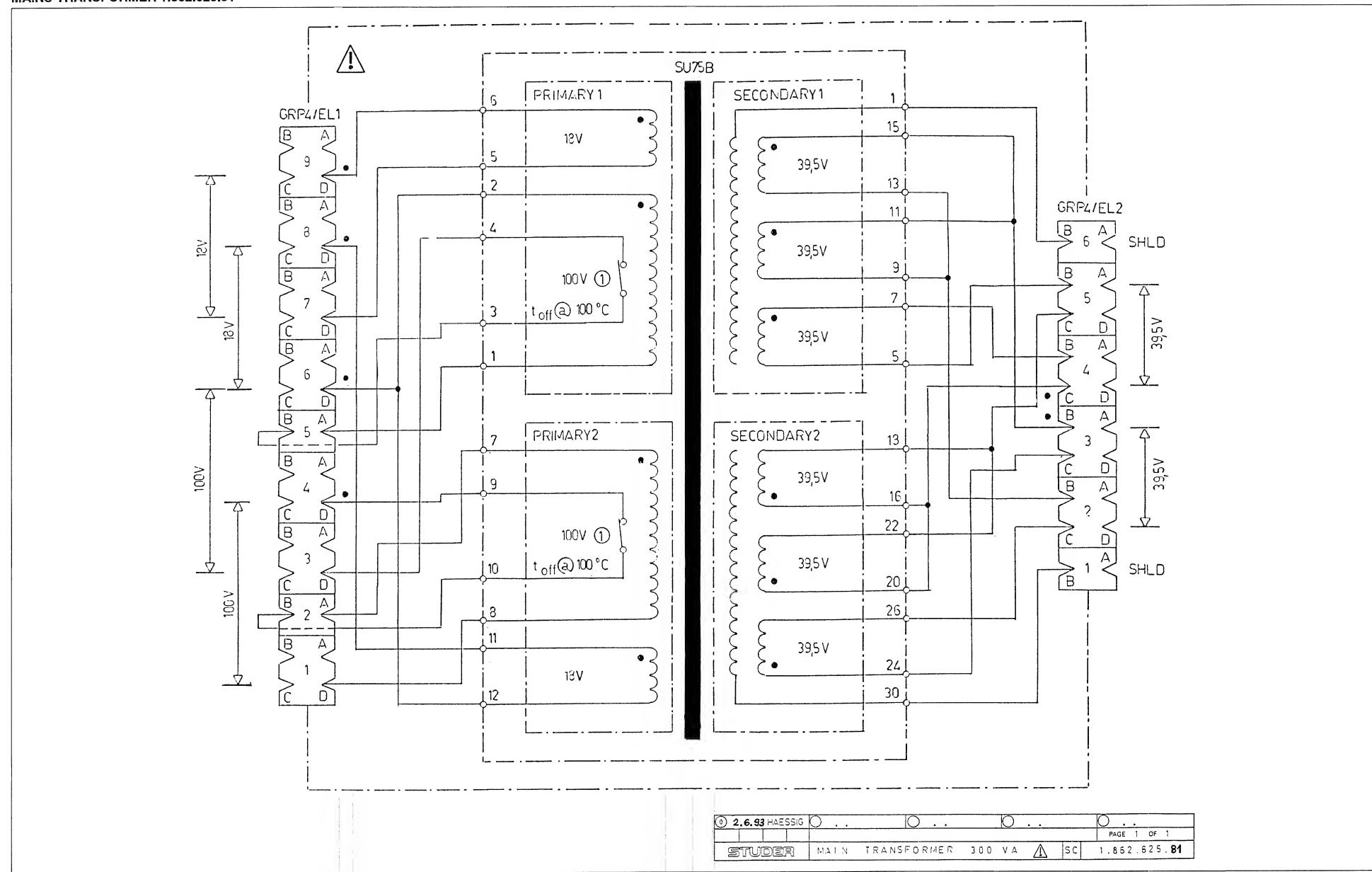
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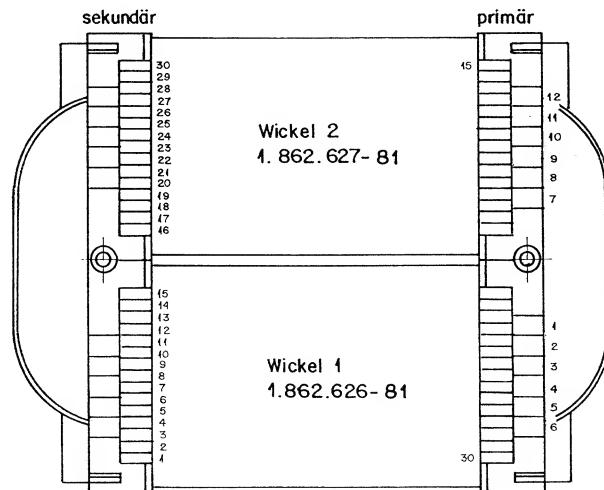
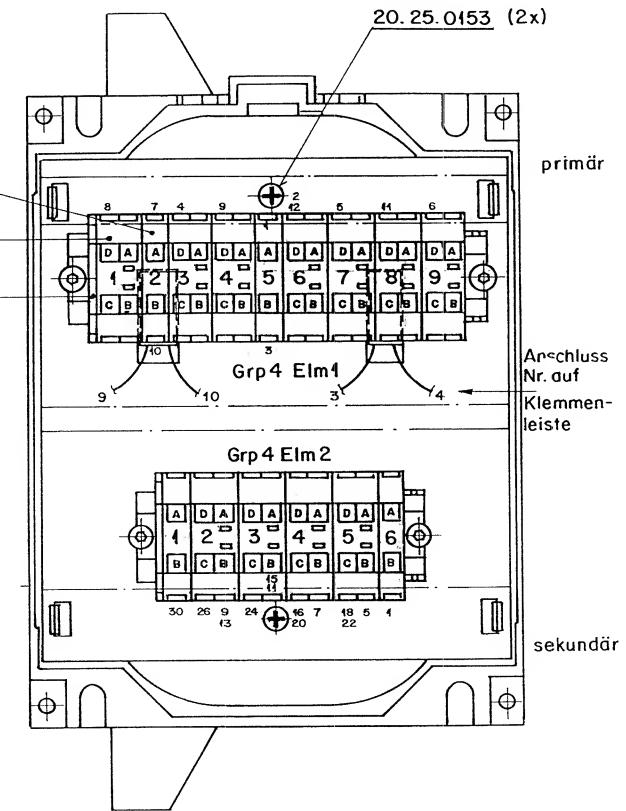
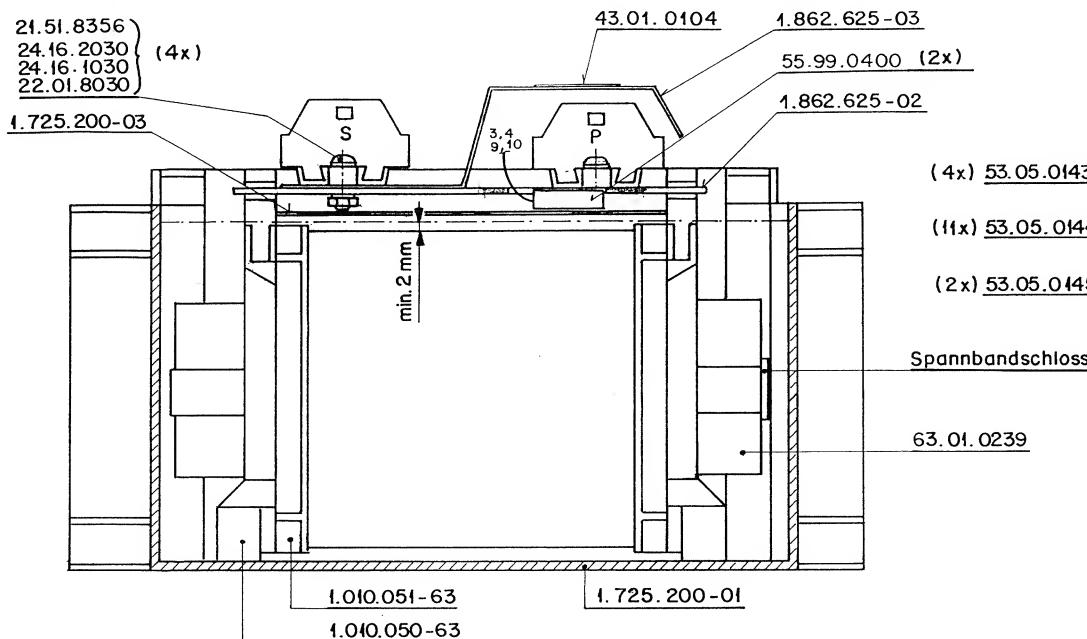
POWER SUPPLY 1.820.353.83



MAINS TRANSFORMER 1.862.625.81

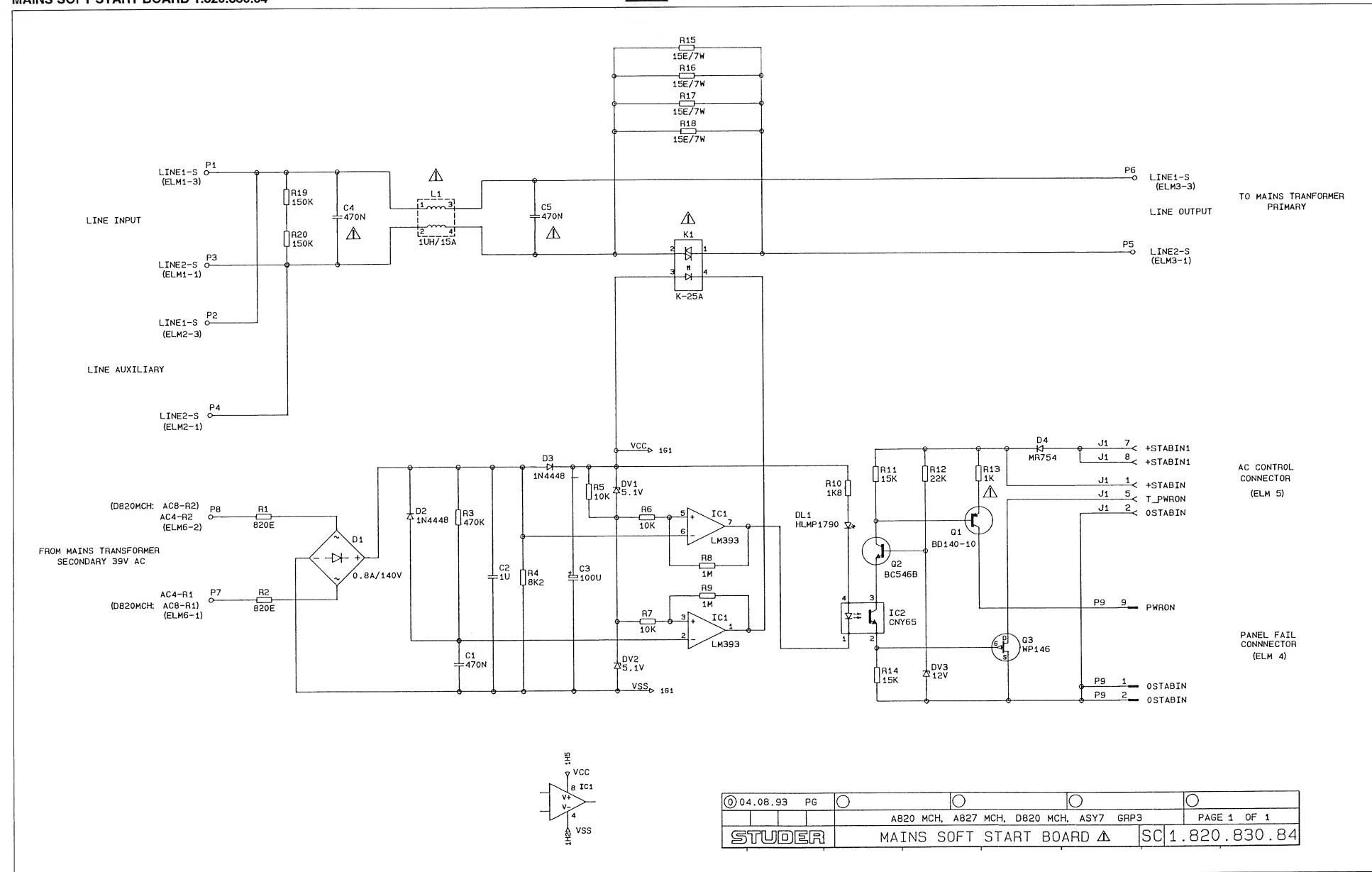


MAINS TRANSFORMER 1.862.625.81



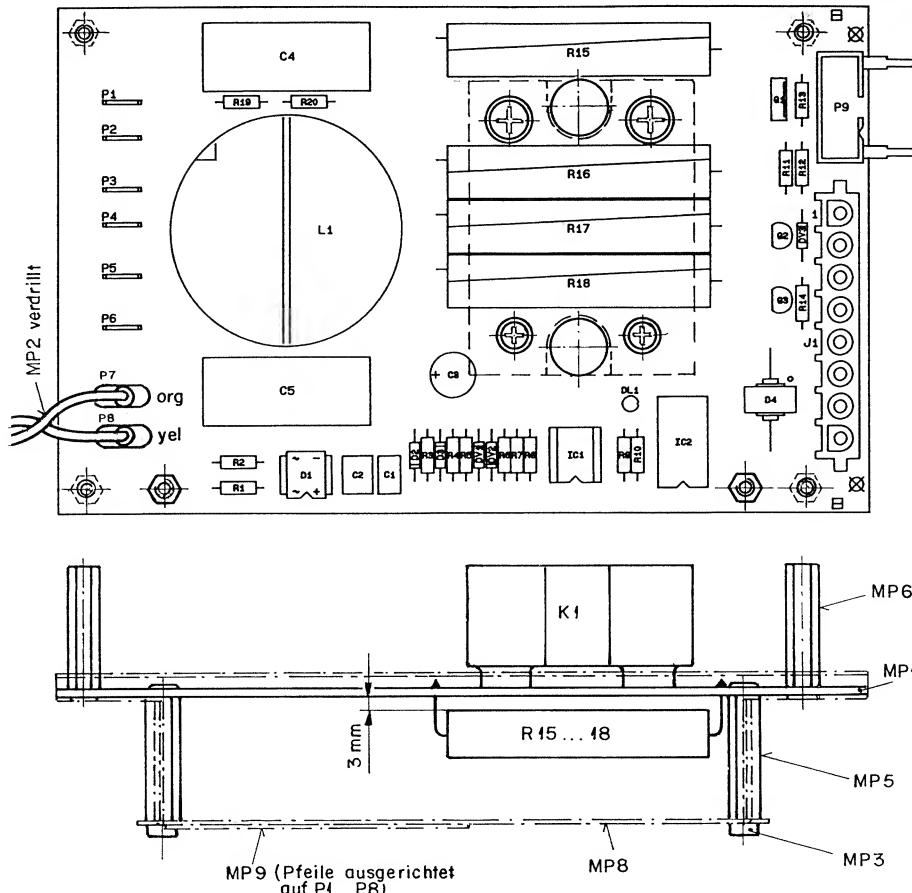
STUDER	REGENSFORD	ZURICH	Main Power Transformer	1.862.625-81
2.6.93	09	10		

MAINS SOFT START BOARD 1.820.830.84





MAINS SOFT START BOARD 1.820.830.84



Ad ... POS... REF. No... DESCRIPTION MANUFACTURER

C.....1	59.06.8474	470n	5 %, 50V, PETP
C.....2	59.04.8105	1u	5 %, 50V, PETP
C.....3	59.22.8101	100n	-20 %, 50V, E1
C.....4	59.14.3474	470n	20 %, 300VAC, X2, /1
C.....5	59.14.3474	470n	20 %, 300VAC, X2, /1
D.....1	70.01.0216	DF 02 M	0.8 A, 200V, BRIDGE RECTIFIER
D.....2	50.04.0125	1N4448	0.15A, 75V, RECTIFIER IIT, NS, Ph, R-O, Tf
D.....3	50.04.0125	1N4448	0.15A, 75V, RECTIFIER IIT, NS, Ph, R-O, Tf
D.....4	50.04.0518	MR754	6 A, 400V, RECTIFIER Not
DL....1	50.04.2202	HLMP1790	GRN DIF, LED 3.18MM
DV....1	50.04.1112	5.1V	5 %, 0.5W, Z, IIT, Mot, Ph, Tf, SGS/Tho
DV....2	50.04.1112	5.1V	5 %, 0.5W, Z, IIT, Mot, Ph, Tf, SGS/Tho
DV....3	50.04.1117	12 V	5 %, 0.5W, Z, IIT, Mot, Ph, Tf, SGS/Tho
IC....1	50.05.0283	LM93	D108, DUAL COMPARATOR NS, Ph, TI, SGS/Tho
IC....2	50.04.2148	CNY65	D104, OPTOCOUPLER Tf
J.....1	54.25.0008	8-P	see note 1
K....1	56.02.0201	SC84210	25 A, 250 V, Solid State Relay /1\ CELDUC
L....1	62.03.0115	1 mH	15 A, COMMON MODE, /1\ Hartmann, Sie, Tokin
MP....1	1.820.830.14	1 pce	MAIN SOFT START PCB, /1\ St
MP....2	1.820.830.93	1 pce	LL-MAIN SOFT START BOARD St
MP....3	57.11.3107	2 pcs	2-Sch. NYLON M3 = 6
MP....4	43.01.0108	1 pcs	ESE-Warnschild
MP....5	1.010.022.22	2 pcs	Nietautoren M3 = 25
MP....6	1.010.053.22	4 pcs	Nietautoren M3 = 24
MP....7	1.010.053.22	1 pcs	Nietautoren M3 = 20
MP....8	1.820.830.04	1 piece	Isolation, MAIN SOFT START BOARD St
MP....9	1.820.830.05	1 piece	Bezeichnungsschild, Anschluesse St
P....1	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....2	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....3	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....4	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....5	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....6	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....7	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....8	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8
P....9	54.14.2101	10-P	STR., MALE, FLATPIN 6.3*0.8
P....10	54.14.2101	10-P	see note 2
Q....1	50.03.0452	BD140-10	PNP, TO126-1 Ph, Tf, To, SGS/Tho
Q....2	50.03.0491	BC546B	PNP, TO92-1 Ph, Sie
Q....3	50.03.0329	WP146	PFET, TO92-6 Six
R....1	57.11.3821	820 Ohm	1 %, 0.4W, MF
R....2	57.11.3821	820 Ohm	1 %, 0.4W, MF
R....3	57.11.3474	470 kOhm	1 %, 0.4W, MF
R....4	57.11.3822	8.2 kOhm	1 %, 0.4W, MF
R....5	57.11.3822	10 kOhm	1 %, 0.4W, MF
R....6	57.11.3103	10 kOhm	1 %, 0.4W, MF
R....7	57.11.3103	10 kOhm	1 %, 0.4W, MF
R....8	57.11.3103	1 MOhm	1 %, 0.4W, MF
R....9	57.11.3105	1 MOhm	1 %, 0.4W, MF
R....10	57.11.3102	1.8 kOhm	1 %, 0.4W, MF
R....11	57.11.3153	15 kOhm	1 %, 0.4W, MF
R....12	57.11.3225	22 kOhm	1 %, 0.4W, MF
R....13	57.11.3102	1 MOhm	10 %, 3W, Fusible Resistor, /1\
R....14	57.11.3153	15 kOhm	1 %, 0.4W, MF
R....15	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse
R....16	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse
R....17	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse
R....18	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse
R....19	57.11.3154	150 kOhm	1 %, 0.4W, MF
R....20	57.11.3154	150 kOhm	1 %, 0.4W, MF

Note 1 - Connector, 8 contacts:
case: AMP Nr. 826 851-3

Note 2 - Connector, 10 contacts:
case: Siemens Nr. V 23535 - A 2700 - A 102
Thomas + Betts Nr. 501 - 1027 ES

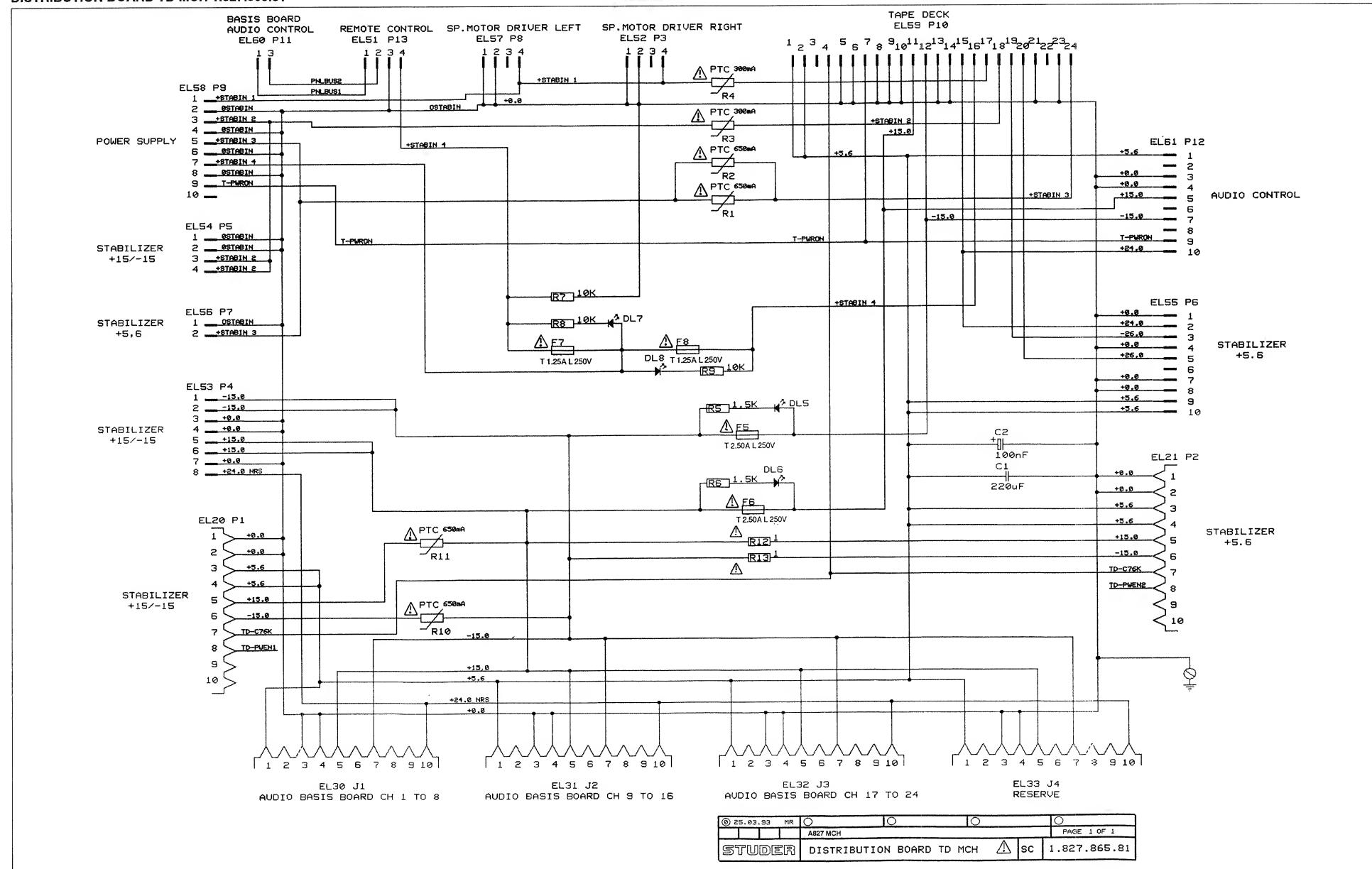
MF = Metal Film, PETP = Polyesterfilm, E1 = Electrolytic,

MANUFACTURER: GI=General Instruments, HP=Hewlett Packard, St=Studer,
Ib=International Rectifier, ITT=Intertek, Mot=Motorola,
Ns=National Semiconductors, Ph=Philips, R=0h=0h,
SGS=SGS/Ates, Sie=Siemens, Six=Siliconix, Tf=Telefunken,
Tho=Thomson, Ti=Texas Instruments, To=Toshiba.

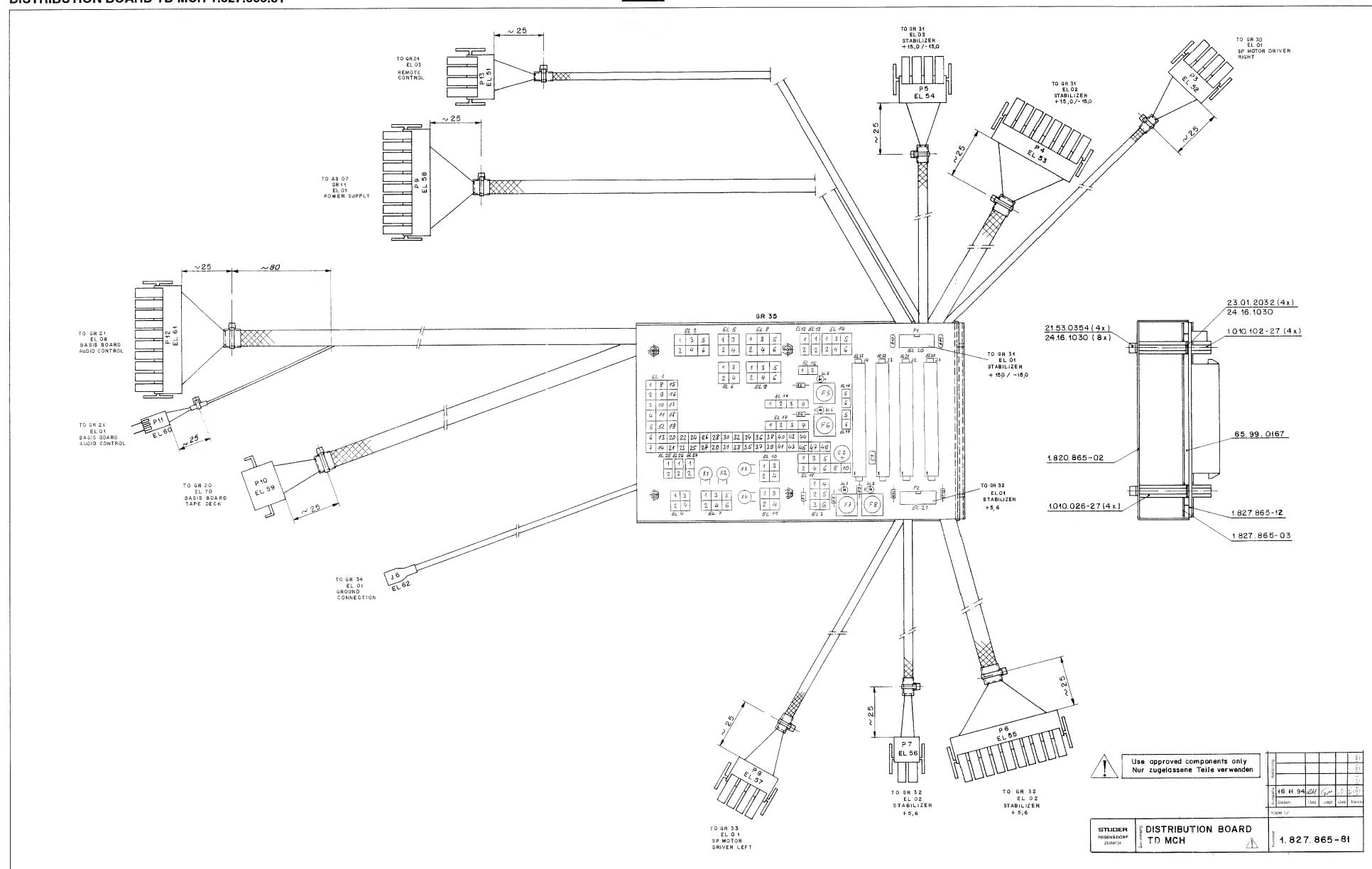
1.820.830.84 MAIN SOFT START BOARD /1\ GP 93/08/0400

Anleitung	(1)
Ausgabe	(2)
Datum	(3)
Gez	(4)
Ges	(5)
index	(6)
Kopie für	

DISTRIBUTION BOARD TD MCH 1.827.865.81



DISTRIBUTION BOARD TD MCH 1.827.865.81





DISTRIBUTION BOARD TD MCH 1.827.865.81

Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER
C.....1	59.06.0104	100 nF	10% 50V PETP						
C.....2	59.22.3221	220 uF	-20% 10V EL						
DL....5	50.04.2129	LS3160	LED red d=3 mm						
DL....6	50.04.2129	LS3160	LED red d=3 mm						
DL....7	50.04.2129	LS3160	LED red d=3 mm						
DL....8	50.04.2129	LS3160	LED red d=3 mm						
F....5	51.01.0121	T2.5 A	L250V Fuse 5*20 /!\\						
F....6	51.01.0121	T2.5 A	L250V Fuse 5*20 /!\\						
F....7	51.01.0118	T1.25A	L250V Fuse 5*20 /!\\						
F....8	51.01.0118	T1.25A	L250V Fuse 5*20 /!\\						
J....1	54.25.0010		AMP nr. 826852-3						
J....2	54.25.0010		AMP nr. 826852-3						
J....3	54.25.0010		AMP nr. 826852-3						
J....4	54.25.0010		AMP nr. 826852-3						
MP....1	1.827.865.12	1 pce	Distribution PCB /!\\						
MP....2	1.827.865.10	1 pce	Nr. label						
MP....3	1.827.865.93	1 pce	Wiring List /!\\						
MP....4	1.010.119.51	2 pcs	Fuse Label 5*20 (T2.50A)						
MP....5	1.010.116.51	2 pcs	Fuse Label 5*20 (T1.25A)						
P....1	54.14.2001	10 Pole	see note 1						
P....2	54.14.2001	10 Pole	see note 1						
P....3	00.00.0000	4 Pole	see note 3						
P....4	00.00.0000	8 Pole	see note 4						
P....5	00.00.0000	4 Pole	see note 3						
P....6	00.00.0000	10 Pole	see note 5						
P....7	00.00.0000	2 Pole	see note 2						
P....8	00.00.0000	4 Pole	see note 3						
P....9	00.00.0000	10 Pole	see note 6						
P....10	54.02.0416	24 Pole	Molex nr. 03-06-1241						
P....11	54.01.0260	3 Pole	AMP nr. 163.690-1						
P....12	00.00.0000	10 Pole	see note 7						
P....13	00.00.0000	4 Pole	see note 3						
R....1	57.92.7014	650 mA	60V, PTC						
R....2	57.92.7014	650 mA	60V, PTC						
R....3	57.92.7012	300 mA	60V, PTC						
R....4	57.92.7012	300 mA	60V, PTC						
R....5	57.11.3152	1.5 kOhm	1%, 0.25W, MF						
R....6	57.11.3152	1.5 kOhm	1%, 0.25W, MF						
R....7	57.11.3103	10 kOhm	1%, 0.25W, MF						
R....8	57.11.3103	10 kOhm	1%, 0.25W, MF						
R....9	57.11.3103	10 kOhm	1%, 0.25W, MF						
R....10	57.92.7014	650 mA	60V, PTC						
R....11	57.92.7014	650 mA	60V, PTC						
R....12	57.19.0109	1 Ohm	5%, 0.33W /!\\ fusible resistor						
R....13	57.19.0109	1 Ohm	5%, 0.33W /!\\ fusible resistor						
XF....5	53.03.0148	5 * 20	Fuse Holder /!\\						
XF....6	53.03.0148	5 * 20	Fuse Holder /!\\						
XF....7	53.03.0148	5 * 20	Fuse Holder /!\\						
XF....8	53.03.0148	5 * 20	Fuse Holder /!\\						

PETP = Polyesterfilm, EL = Electrolytic.

Note 1 - Connector,10 contacts:
 case: Studer nr. 54.14.2001
 Yamaichi nr. FAP-10-08-40SS
 Burndy nr. BPH 9 B10 B00 GS
 3M nr. 7610-6002 VZ

Note 2 - Connector, 2 Contacts:
 case: Studer nr. 54.25.0302
 AMP nr. 350777-1
 pin: Studer nr. 54.25.0402
 AMP nr. 926899-1

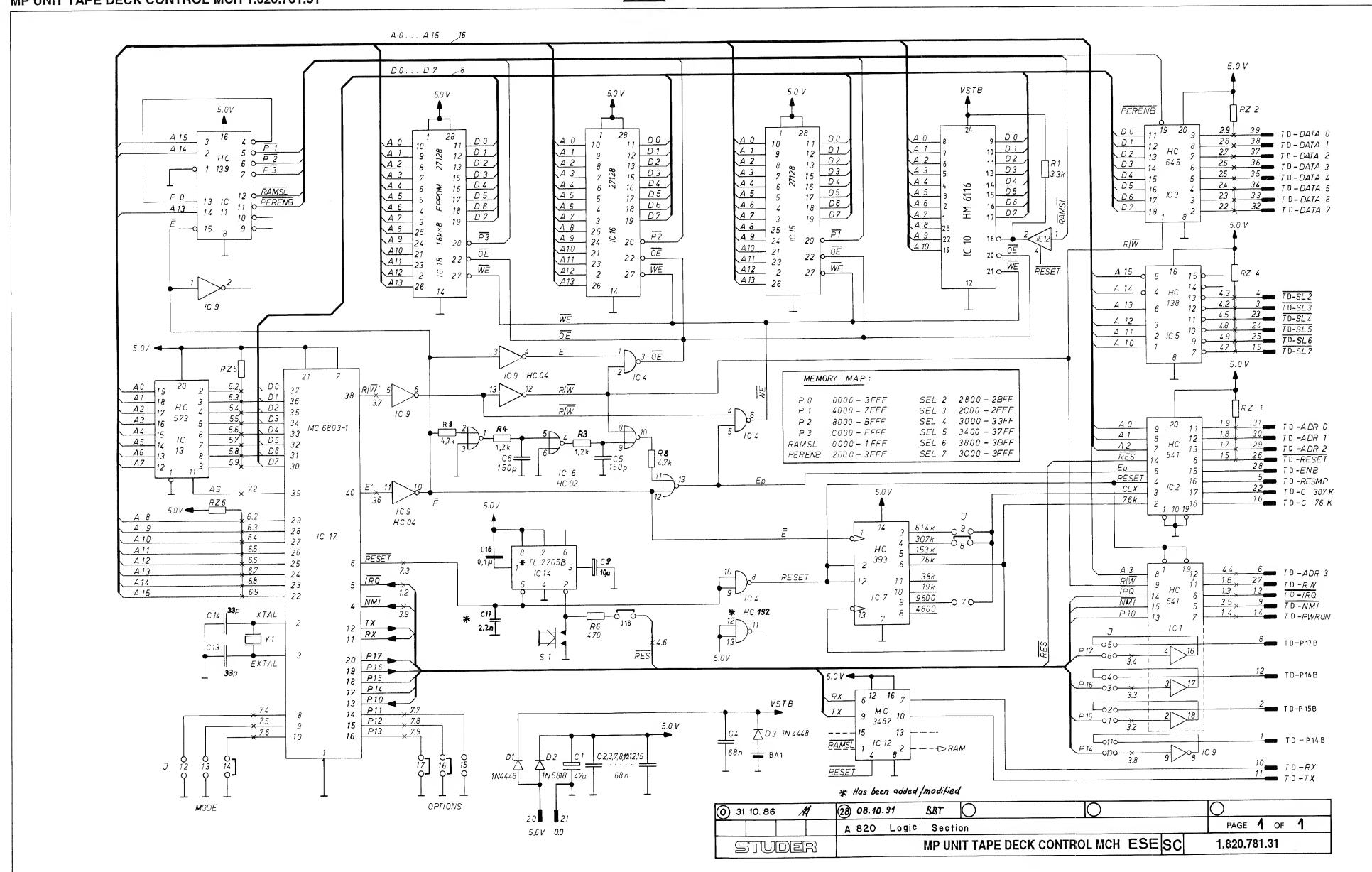
Note 3 - Connector, 4 Contacts:
 case: Studer nr. 54.25.0304
 AMP nr. 926298-3, 926298-1
 pin: Studer nr. 54.25.0402
 AMP nr. 926899-1

Note 4 - Connector, 8 contacts:
 case: Studer nr. 54.25.0308
 AMP nr. 926301-3
 pin: Studer nr. 54.25.0402
 AMP nr. 926899-1

Note 5 - Connector,10 contacts:
 case: Studer nr. 54.25.0310
 AMP nr. 926302-3
 pin: Studer nr. 54.25.0402
 AMP nr. 926899-1

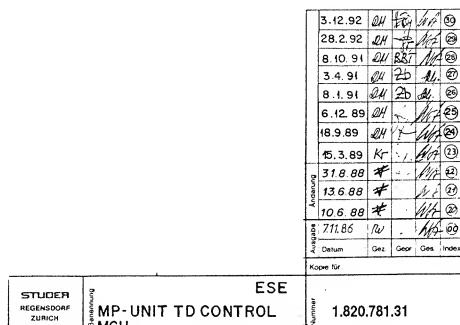
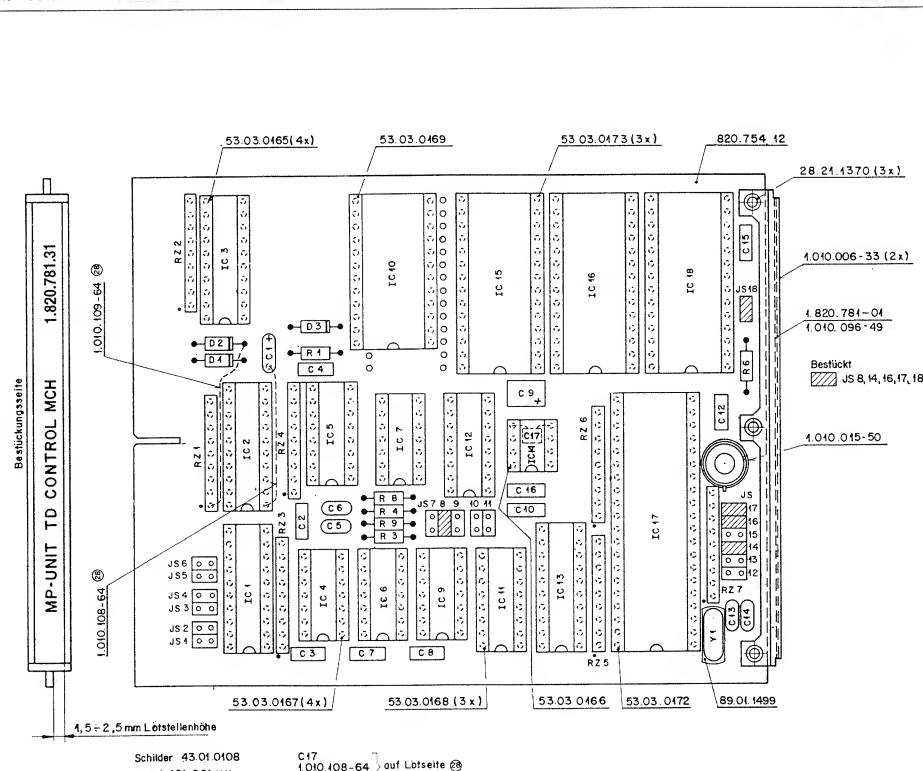
Note 6 - Connector,10 contacts:
 case: Studer nr. 54.25.0310
 AMP nr. 926302-3
 8 pins: Studer nr. 54.25.0402
 AMP nr. 926899-1
 1 pin : Studer nr. 54.25.0401
 AMP nr. 926887-1

MP UNIT TAPE DECK CONTROL MCH 1.820.781.31





MP UNIT TAPE DECK CONTROL MCH 1.820.781.31

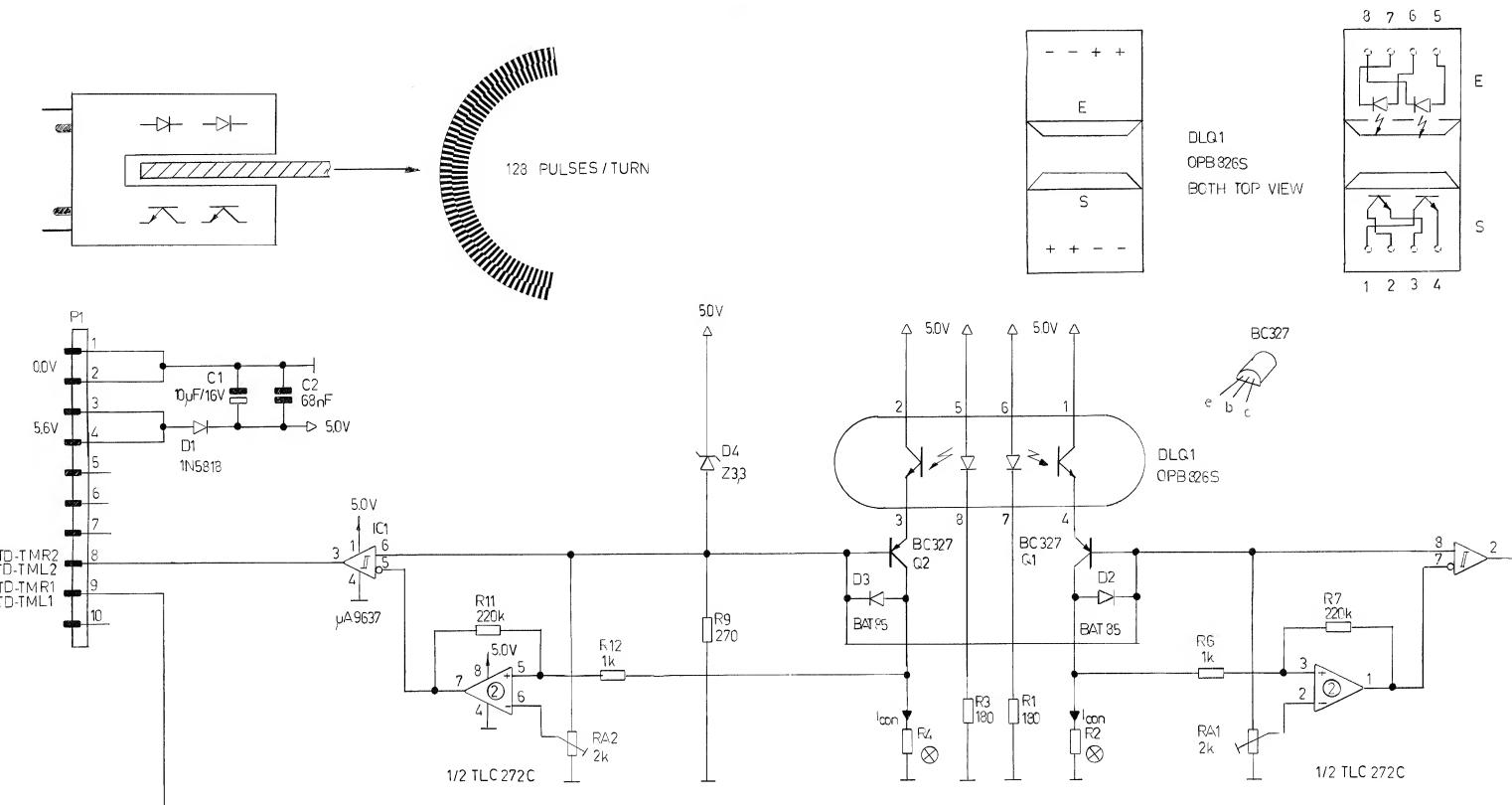


STUDER REGENSDORF ZURICH	MP-UNIT TD CONTROL MCH	ESE	1.820.781.31
		Nummer	

Ad	.POS...	.REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	.POS...	.REF.No...	DESCRIPTION.....	MANUFACTURER	
C.....1	59.26.0470	47 uF	20%, 6.3V	Sal	Ph	Y.....1	89.01.0560	4.9152 MHz, +100 ppm		
C.....2	59.06.0683	68 nF	10%, 63V	PETP		(20)	88/02/12 Software 06/88			
C.....3	59.06.0683	68 nF	10%, 63V	PETP		(21)	88/06/10 Software 22/88			
C.....4	59.06.0683	68 nF	10%, 63V	PETP		(22)	88/08/31 Software 35/88			
C.....5	59.34.7151	150 pF	2%, Ce			(23)	89/03/15 Software 20/89			
C.....6	59.34.7151	150 pF	2%, Ce			(24)	89/09/18 Software 37/89			
C.....7	59.06.0683	68 nF	10%, 63V	PETP		(25)	89/12/06 Software 48/89			
C.....8	59.26.2100	10 uF	20%, 16V	Sal		(26)	91/01/08 Software 02/91			
C.....9	59.26.2100	10 uF	20%, 16V	Sal		(27)	91/04/02 Software 16/91			
C.....10	59.06.0683	68 nF	10%, 63V	PETP		(28)	91/10/08 Same software as 16/91 suffix (27), improved reset performance.			
C.....11	00.00.0000	not used				(29)	92/02/28 Software 10/92			
C.....12	59.06.0683	68 nF	10%, 63V	PETP		(30)	92/12/03 Software 50/92			
C.....13	59.34.2330	33 pF	5%, Ce			(31)	95/04/10 Software 15/95; Improved error handling.			
C.....14	59.34.2330	33 pF	5%, Ce			Note 1 - IC 16/18	:	Software in set available only.		
C.....15	59.06.0683	68 nF	10%, 63V	PETP		Note 2 - Contact pin:	Studer	Nr. 54.01.0020		
C.....16	59.06.0683	100 nF	10%, 63V	PETP		Berg	Nr. 75 160-102-36			
C.....17	59.06.0683	2.2 nF	10%, 63V	PERP		Philip	Nr. 2422 025 89303			
D.....1	60.04.0155	1N 4446		Fc, ITT, Ph, Ses, Tf		Bridge:	Studer	Nr. 65 474-001		
D.....2	60.04.0512	1N 5A18	5A	Mot		Berg	Nr. 65 474-001			
D.....3	60.04.0224	1N 4448		Fc, ITT, Ph, Ses, Tf		Philips	Nr. 2422 024 88003			
IC.....1	50.17.1541	74 HC 541		Hot, NS, Ph, R/Ca, SGS, TI, To		Note 3 - Network:	8 = 3.3 kOhm, 5%			
IC.....2	50.17.1541	74 HC 541		Hot, NS, Ph, R/Ca, SGS, TI, To		Sicavend Nr. C09 x 3.3 k J				
IC.....3	50.17.1545	74 HC 645		Hot, NS, Ph, R/Ca, SGS, TI, To		Ineltrö Nr. R88 3.3 k 5%				
IC.....4	50.17.1000	74 HC 00		Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....5	50.17.1132	74 HC 132	100 pA	Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....6	50.17.1132	74 HC 132	100 pA	Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....7	50.17.1002	74 HC 02		Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....8	50.17.1393	74 HC 393		Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....9	00.00.0000	not used		Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....10	50.17.0004	74 HC 04		Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....11	50.14.0107	HM116LP-4	5M 5128-15	Hi, OKI						
IC.....12	50.15.0105	MC 3487 P	0.3487 N	Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....13	50.15.0105	MC 3487 P	0.3487 N	Hot, NS, Ph, R/Ca, SGS, TI, To						
IC.....14	50.11.0122	TL7705ACP		TL7705ACP						
IC.....15	00.00.0000	not used	27128							
IC.....16	50.11.0157	TL7705BCP		TL7705BCP						
IC.....17	50.16.0101	MC6803P-1	6803P-1							
IC.....18	50.16.0101	MC6803P-1	6803P-1							
IC.....19	50.16.0101	MC6803P-1	6803P-1							
IC.....20	1.820.985.20		1N 442786-30	Hi, It						
IC.....21	1.820.985.21		1N 442786-30	Hi, It						
IC.....22	1.820.985.22		Software 05/88	St						
IC.....23	1.820.985.23		Software 35/88	St						
IC.....24	1.820.985.24		Software 37/89	St						
IC.....25	1.820.985.25		Software 48/89	St						
IC.....26	1.820.985.26		Software 02/91	St						
IC.....27	1.820.985.27		Software 16/91	St						
IC.....28	1.820.985.28		Software 17/91	St						
IC.....29	1.820.985.29		Software 50/92	St						
IC.....30	1.820.985.30		Software 50/92	St						
IC.....31	1.820.985.30		Software 15/95	see note 1						
IC.....32	50.16.0101	MC6803P-1	6803P-1							
IC.....33	50.16.0101	MC6803P-1	6803P-1							
IC.....34	50.16.0101	MC6803P-1	6803P-1							
IC.....35	1.820.985.20		1N 442786-30	Hi, It						
IC.....36	1.820.985.21		1N 442786-30	Hi, It						
IC.....37	1.820.985.22		Software 05/88	St						
IC.....38	1.820.985.23		Software 22/88	St						
IC.....39	1.820.985.24		Software 35/88	St						
IC.....40	1.820.985.25		Software 37/89	St						
IC.....41	1.820.985.26		Software 48/89	St						
IC.....42	1.820.985.27		Software 02/91	St						
IC.....43	1.820.985.28		Software 16/91	St						
IC.....44	1.820.985.29		Software 17/91	St						
IC.....45	1.820.985.30		Software 50/92	St						
IC.....46	1.820.985.30		Software 50/92	St						
IC.....47	1.820.985.30		Software 15/95	see note 1						
JS.....1	.	.	see note 2							
JS.....2	.	.	see note 2							
JS.....3	.	.	see note 2							
JS.....4	.	.	see note 2							
JS.....5	.	.	see note 2							
JS.....6	.	.	see note 2							
JS.....7	.	.	see note 2							
JS.....8	.	.	see note 2							
JS.....9	.	.	see note 2							
JS.....10	.	.	see note 2							
JS.....11	.	.	see note 2							
JS.....12	.	.	see note 2							
JS.....13	.	.	see note 2							
JS.....14	.	.	see note 2							
JS.....15	.	.	see note 2							
JS.....16	.	.	see note 2							
JS.....17	.	.	see note 2							
JS.....18	.	.	see note 2							
R.....1	57.11.3322	3.3 kOhm	5%							
R.....2	00.00.0000	not used	5%							
R.....3	57.11.3122	1.2 kOhm	5%							
R.....4	57.11.3122	1.2 kOhm	5%							
R.....5	00.00.0000	not used	5%							
R.....6	57.11.3471	470 Ohm	5%							
R.....7	00.00.0000	not used	5%							
R.....8	57.11.3472	4.7 kOhm	5%							
R.....9	57.11.3472	4.7 kOhm	5%							
RZ.....1	57.48.4332		see note 3							
RZ.....2	57.48.4332		see note 3							
RZ.....3	57.48.4332		see note 3							
RZ.....4	57.88.4332		see note 3							
RZ.....5	57.88.4332		see note 3							
RZ.....6	57.88.4332		see note 3							
RZ.....7	57.88.4332		see note 3							



MOTOR TACHO 1.820.771.84

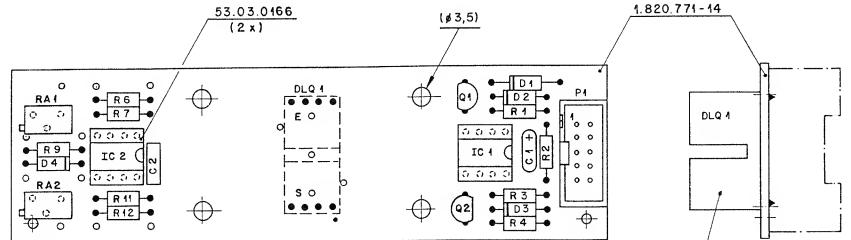


- ⊗ R2/R4 factory adjusted according to following table
coupling measured without tacho disk
Icon measurement R2/R4 replaced by digital milliammeter

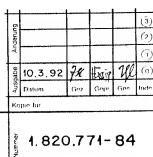
① 15.11.89 ZOLLER A 820 PAGE 1 OF 1
STUDER MOTOR TACHO SC 1.820.771.84



MOTOR TACHO 1.820.771.84



DLQ4 soll aufliegend auf Lötsseite montiert.
Nach der Montage, beschichtet mit Epoxid - Lack nach BV 662.
Hierbei 4 Bohrungen \varnothing 3,5 abgedeckt mit Klebeband (müssen frei bleiben von Lack).



Ad ... Pos. ... Ref. No. ... Description Manufacturer

C.....1 59.26.2100 10 uF 20V, 16V, Säl
C.....2 59.06.0683 68 nF 10V, 63V, PETP
C.....3 00.00.0000 not used
C.....4 00.00.0000 not used

D.....1 50.04.0512 IN 5818 IN 5918 Mot
D.....2 50.04.0127 BAT 42 BAT 42 Ph, Sie, Tho
D.....3 50.04.0127 BAT 42 BAT 85, BAS 40-02, Ph, Sie, Tho
D.....4 50.04.1107 3,3 V BZX 55-C3V3 ITT, Mot, Ph, If, Tho

DLQ.....1 50.99.0166 OPB 826 Op
IC.....1 50.15.0114 uA9637ACP 9637 ATC Fc, TI
IC.....2 50.05.0285 LM 358 N LM 358 P NS, Mot, SGS, TI
01 IC.....2 50.09.0122 TLC 272 C TS 272 CN SGS, TI

P.....1 54.14.2001 IO cont. see note 1
Q.....1 50.03.0351 BC 327-25 ITT, Ph, Sie
Q.....2 50.03.0351 BC 327-25 ITT, Ph, Sie

R.....1 57.11.3181 180 Ohm 1% ITT, Ph, Sie
R.....2 00.00.0000 factory adjusted
R.....3 57.11.3181 180 Ohm 1% ITT, Ph, Sie
R.....4 00.00.0000 factory adjusted
R.....5 00.00.0000 not used 1% ITT, Ph, Sie
R.....6 57.11.3181 100 Ohm 1% ITT, Ph, Sie
R.....7 57.11.3224 220 kOhm 1% ITT, Ph, Sie
R.....8 00.00.0000 not used
R.....9 57.11.3271 270 Ohm 1% ITT, Ph, Sie
R.....10 00.00.0000 not used
R.....11 57.11.3224 220 kOhm 1% ITT, Ph, Sie
R.....12 57.11.3102 1 kOhm 1% ITT, Ph, Sie
R.....13 00.00.0000 not used
RA.....1 58.05.0202 2 kOhm 10%, multi turn ITT, Ph, Sie
RA.....2 58.05.0202 2 kOhm 10%, multi turn ITT, Ph, Sie

(01) 11.01.90 Printout error

Note 1 - Connector 10 contacts:

Yamaichi nr. FHP-10-08-4055
Burrndy nr. BDP-9 810 600 GS
3M nr. 7630-6002 VZ

El=Electrolytic, Sa=Solid aluminum

MANUFACTURER: Fc=Fairchild, ITT=Intermetall, Mot=Motorola, NS=National Semiconductor, Op=Optron, Ph=Philips, SGS=SGS/Ates, Sie=Siemens, Tf=Telefunken, Th=Thomson, TI=Texas Instrument.

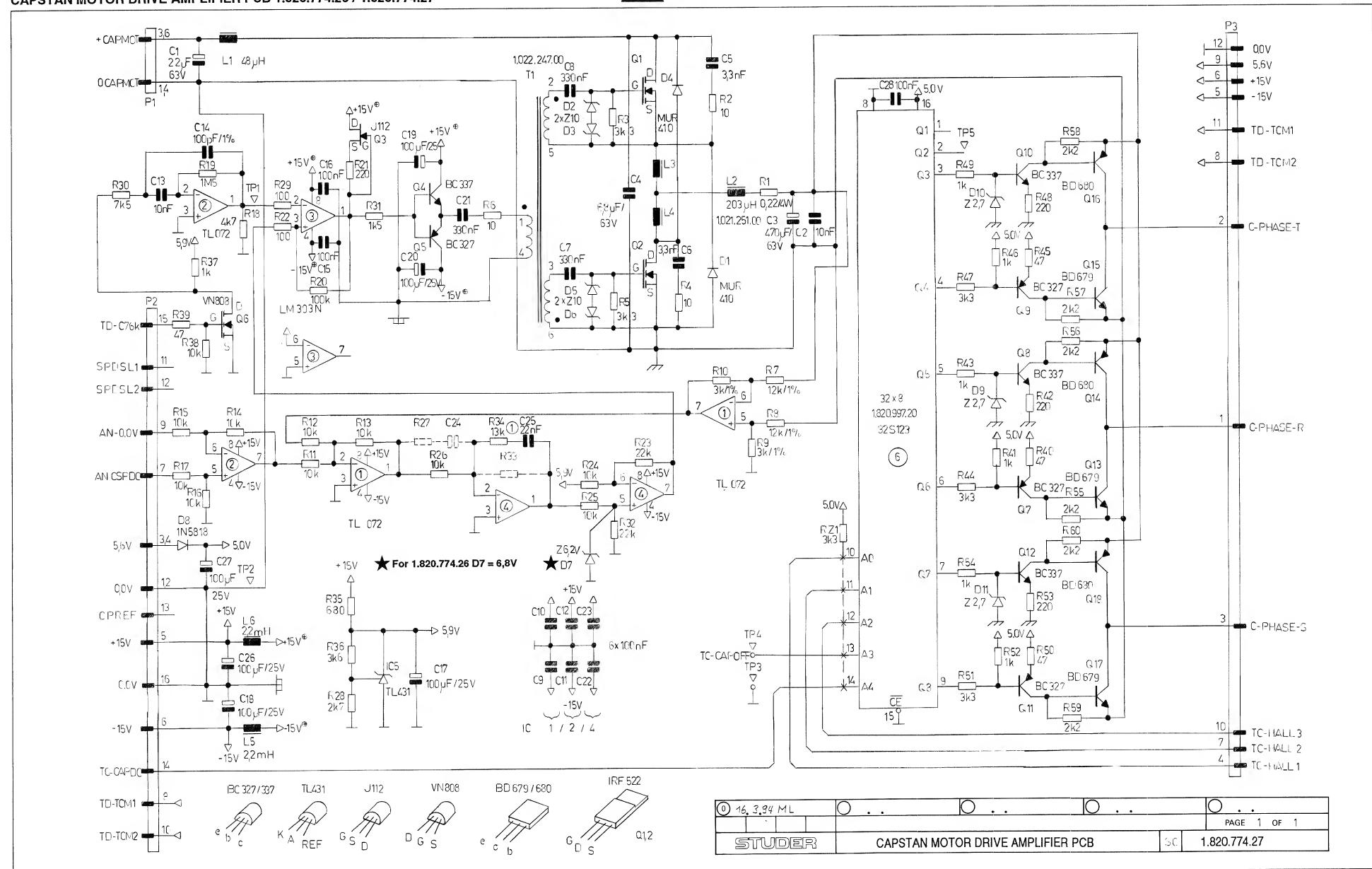
1.820.771.83 MOTOR TACHO

PZ 89/11/1500

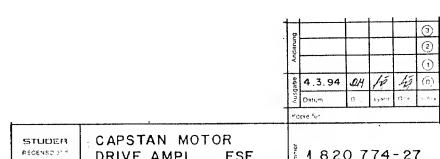
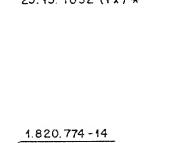
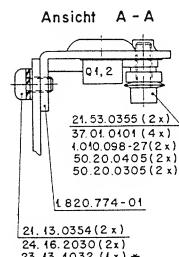
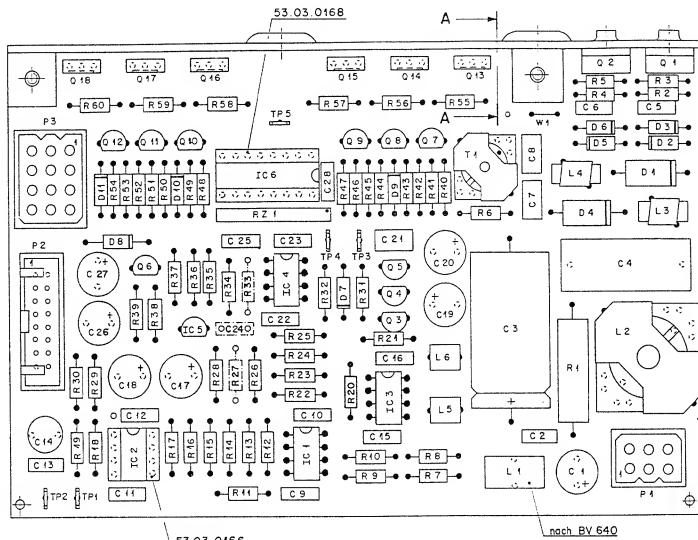
1.820.771.83 MOTOR TACHO

PZ 90/01/1101

CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27



CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27

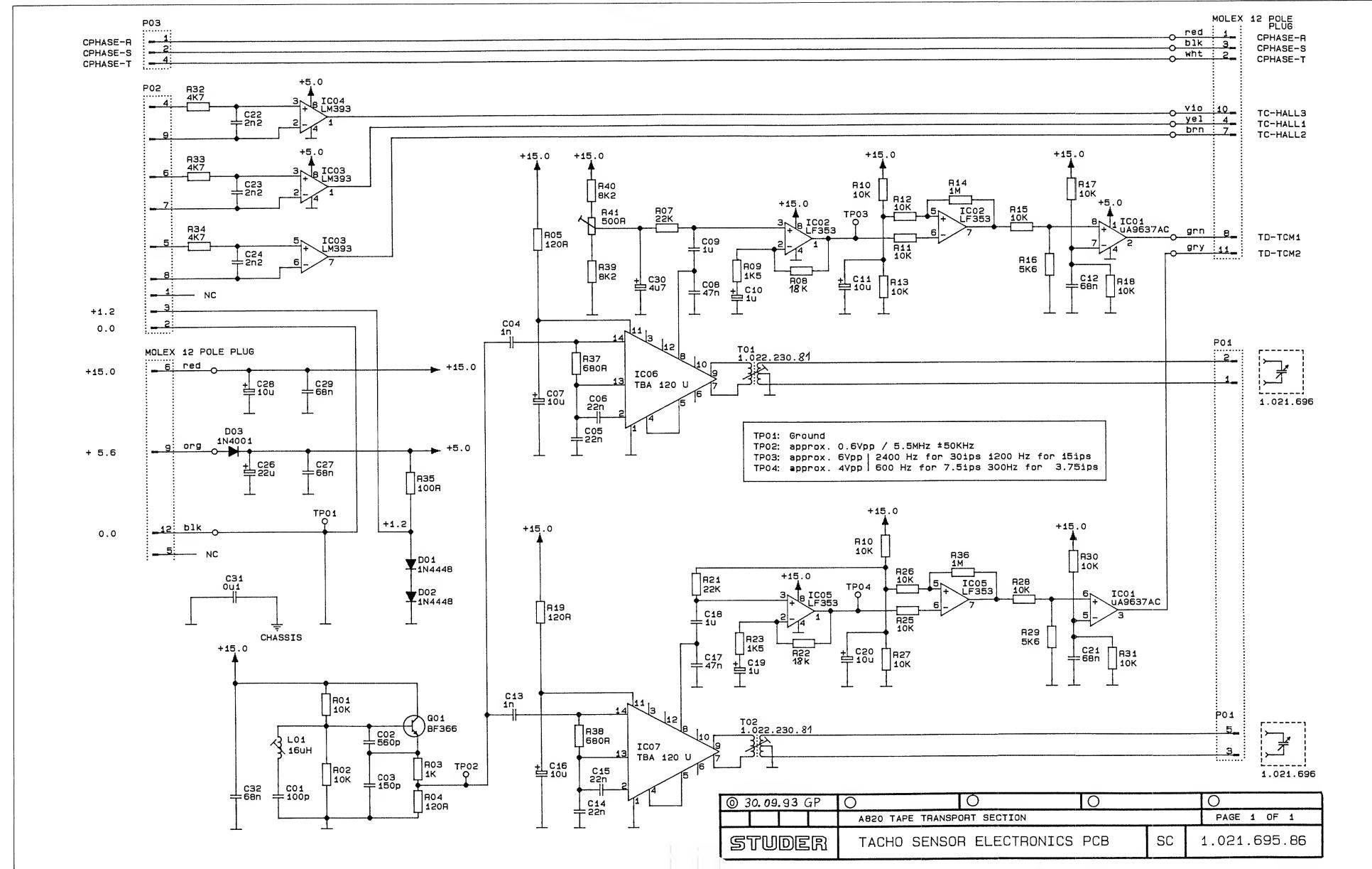


STUDER
REG. NO. 214 CAPSTAN MOTOR
DRIVE AMPL. ESE 1820 774-21

Ad ..	POS ..	REF. No...	DESCRIPTION ..	MANUFACTURER	Ad ..	POS ..	REF. No...	DESCRIPTION ..	MANUFACTURER
C.....1	59.22.8220	22 uF	-20%, 63V, EL		R.....23	57.11.3223	22 kOhm	10%	
C.....2	59.06.0140	30 nF	-20%, 63V, PETP		R.....24	57.11.3223	10 kOhm	10%	
C.....3	59.06.0141	40 nF	-20%, 63V, EL		R.....25	57.11.3103	10 kOhm	10%	
C.....4	59.02.0263	6.8 uF	5%, 63V, MPC		R.....26	57.11.3103	10 kOhm	10%	
C.....5	59.06.0322	3.3 nF	10%, 63V, PETP		R.....27	00.00.0000	not used		
C.....6	59.06.0322	3.3 nF	10%, 63V, PETP		R.....28	57.11.3272	2.7 kOhm	1%	
C.....7	59.06.0322	3.3 nF	10%, 63V, PETP		R.....29	57.11.3272	10 kOhm	10%	
C.....8	59.06.0334	330 nF	10%, 63V, PETP		R.....30	57.11.3752	7.5 kOhm	1%	
C.....9	59.06.0104	100 nF	10%, 63V, PETP		R.....31	57.11.3152	1.5 kOhm	10%	
C.....10	59.06.0104	100 nF	10%, 63V, PETP		R.....32	57.11.3223	22 kOhm	10%	
C.....11	59.06.0104	100 nF	10%, 63V, PETP		R.....33	00.00.0000	not used		
C.....12	59.06.0104	100 nF	10%, 63V, PETP		R.....34	57.11.3133	13 kOhm	1%	
C.....13	59.06.0103	10 nF	10%, 63V, PETP		R.....35	57.11.3681	680 Ohm	10%	
C.....14	59.06.0103	10 nF	10%, 63V, PETP		R.....36	57.11.3102	3.6 kOhm	1%	
C.....15	59.06.0104	100 nF	10%, 63V, PETP		R.....37	57.11.3102	10 kOhm	10%	
C.....16	59.06.0104	100 nF	10%, 63V, PETP		R.....38	57.11.3103	10 kOhm	10%	
C.....17	59.22.5101	100 uF	-20%, 25V, EL		R.....39	57.11.3470	47 Ohm	10%	
C.....18	59.22.5101	100 uF	-20%, 25V, EL		R.....40	57.11.3470	47 Ohm	10%	
C.....19	59.22.5101	100 uF	-20%, 25V, EL		R.....41	57.11.3102	1 kOhm	10%	
C.....20	59.22.5101	100 uF	-20%, 25V, EL		R.....42	57.11.3221	220 Ohm	10%	
C.....21	59.06.0334	330 nF	10%, 63V, PETP		R.....43	57.11.3322	1 kOhm	10%	
C.....22	59.06.0104	100 nF	10%, 63V, PETP		R.....44	57.11.3322	3.3 kOhm	10%	
C.....23	59.06.0104	100 nF	10%, 63V, PETP		R.....45	57.11.3470	47 Ohm	10%	
C.....24	00.00.0000	not used			R.....46	57.11.3102	1 kOhm	10%	
C.....25	59.06.0223	22 nF	10%, 63V, PETP		R.....47	57.11.3332	3.3 kOhm	10%	
C.....26	59.06.0223	22 nF	10%, 63V, PETP		R.....48	57.11.3322	220 Ohm	10%	
C.....27	59.22.5101	100 uF	-20%, 25V, EL		R.....49	57.11.3102	10 kOhm	10%	
C.....28	59.06.0104	100 nF	10%, 63V, PETP		R.....50	57.11.3470	47 Ohm	10%	
D.....1	50.04.0521	MUR 410		Not_Gi	R.....51	57.11.3332	3.3 kOhm	10%	
D.....2	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R.....52	57.11.3102	1 kOhm	10%	
D.....3	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R.....53	57.11.3221	220 Ohm	10%	
D.....4	50.04.0521	MUR 410		Not_Gi	R.....54	57.11.3102	1 kOhm	10%	
D.....5	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R.....55	57.11.3322	2.2 kOhm	10%	
D.....6	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R.....56	57.11.3222	2.2 kOhm	10%	
D.....7	50.04.1118	6.2 V	5%, .40W	ITT, Mot, Ph, Tf, SGS	R.....57	57.11.3222	2.2 kOhm	10%	
D.....8	50.04.1118	1N 5818	1N 5819	Mot	R.....58	57.11.3222	2.2 kOhm	10%	
D.....9	50.04.1106	Z 2.7 V	.5%, .40W	ITT, Mot, Ph, Tf, SGS	R.....59	57.11.3222	2.2 kOhm	10%	
D.....10	50.04.1106	Z 2.7 V	.5%, .40W	ITT, Mot, Ph, Tf, SGS	R.....60	57.11.3222	2.2 kOhm	10%	
D.....11	50.04.1109	Z 2.7 V	.5%, .40W	ITT, Mot, Ph, Tf, SGS	RZ.....1	57.88.4332	Network, 8 * 3.0 kOhm, 2%, SIP 9		
IC.....1	50.09.0101	TL 072 CP		Mot, Ti, NS	T.....1	1.022.247.00	Drive Transformer		
IC.....2	50.09.0101	TL 072 CP		Mot, Ti, NS					
IC.....3	50.05.0283	TL 093 ..	TDB 0193 DP	NS, Sig, Ti, Tho	TP.....1	54.02.0320	1 contact, 2.8*0.8, flat		
IC.....4	50.09.0101	TL 072 CP		Mot, Ti, NS	TP.....2	54.02.0320	1 contact, 2.8*0.8, flat		
IC.....5	50.10.0106	TL 431CLP	Commutation logic device	Mot, Ti, St	TP.....3	54.02.0320	1 contact, 2.8*0.8, flat		
IC.....6	1.820.997.20			St	TP.....4	54.02.0320	1 contact, 2.8*0.8, flat		
L.....1	62.03.0010	48 uH	2 A, filter	Filtercoil	TP.....5	54.02.0320	1 contact, 2.8*0.8, flat		
L.....2	1.022.2510	20.0 uH	2 A, filter						
L.....3	62.99.0113	1.0 uH							
L.....4	62.99.0113	1.0 uH							
L.....5	62.02.3222	2.2 mH	10%, Rad, RM 5						
L.....6	62.02.3222	2.2 mH	10%, Rad, RM 5						
P.....1	54.02.0418	Connector	6 contacts, MOLEX, see note 2		W.....1	1.010.321.64	Wire bridge		
P.....2	54.14.2109	Connector	16 contacts, latch, flat cable						
P.....3	54.02.0409	Connector	12 contacts, MOLEX, see note 1						
Q.....1	50.03.1501	IRF 522	MTP 8W10	IR, Mot	Note 1 - Connector, Case: Studer Nr. 54.02.0408				
Q.....2	50.03.1502	IRF 522	MTP 8W10	IR, Mot	Case: Molex Nr. 03-05-2321				
Q.....3	50.03.0380	J-117		Mot	Contact pin: Studer Nr. 54.02.0406				
Q.....4	50.03.0380	J-117			Case: Molex Nr. 02-06-8103				
Q.....5	50.03.0351	BC 327-25		ITT, Ph, Tf, SGS					
Q.....6	50.03.0351	BC 327-25		Fe, Six					
Q.....7	50.03.1505	VHN 0080 A	ZVN 0108 A	ITT, Ph, Tf, SGS					
Q.....8	50.03.0380	BC 327-25		ITT, Ph, Tf, SGS					
Q.....9	50.03.0380	BC 327-25		ITT, Ph, Tf, SGS					
Q.....10	50.03.0340	BC 327-25		ITT, Ph, Tf, SGS					
P.....11	50.03.0351	BC 327-25		ITT, Ph, Tf, SGS					
P.....12	50.03.0351	BC 327-25		ITT, Ph, Tf, SGS					
P.....13	50.03.0749	BD 670	see note 3	Ph	Note 2 - Connector, Case: Studer Nr. 54.02.0418				
P.....14	50.03.0749	BD 680	see note 3	Ph	Case: Molex Nr. 03-06-2061				
P.....15	50.03.0749	BD 679	see note 3	Ph	Contact pin: Studer Nr. 54.02.0406				
P.....16	50.03.0749	BD 679	see note 3	Ph	Case: Molex Nr. 02-06-8103				
P.....17	50.03.0749	BD 679	see note 3	Ph					
P.....18	50.03.0749	BD 680	see note 3	Ph					
P.....19	50.03.0749	BD 680	see note 3	Ph					
P.....20	50.03.0749	BD 680	see note 3	Ph					
P.....21	57.11.3221	220 Ohm							
P.....22	57.11.3101	100 Ohm							
P.....23	57.11.3102	100 Ohm							
P.....24	57.11.3103	100 Ohm							
P.....25	57.11.3103	100 Ohm							
P.....26	57.11.3103	100 Ohm							
P.....27	57.11.3103	100 Ohm							
P.....28	57.11.3103	100 Ohm							
P.....29	57.11.3103	100 Ohm							
P.....30	57.11.3103	100 Ohm							
P.....31	57.11.3103	100 Ohm							
P.....32	57.11.3103	100 Ohm							
P.....33	57.11.3103	100 Ohm							
P.....34	57.11.3103	100 Ohm							
P.....35	57.11.3103	100 Ohm							
P.....36	57.11.3103	100 Ohm							
P.....37	57.11.3103	100 Ohm							
P.....38	57.11.3103	100 Ohm							
P.....39	57.11.3103	100 Ohm							
P.....40	57.11.3103	100 Ohm							
P.....41	57.11.3103	100 Ohm							
P.....42	57.11.3103	100 Ohm							
P.....43	57.11.3103	100 Ohm							
P.....44	57.11.3103	100 Ohm							
P.....45	57.11.3103	100 Ohm							
P.....46	57.11.3103	100 Ohm							
P.....47	57.11.3103	100 Ohm							
P.....48	57.11.3103	100 Ohm							
P.....49	57.11.3103	100 Ohm							
P.....50	57.11.3103	100 Ohm							
P.....51	57.11.3103	100 Ohm							
P.....52	57.11.3103	100 Ohm							
P.....53	57.11.3103	100 Ohm							
P.....54	57.11.3103	100 Ohm							
P.....55	57.11.3103	100 Ohm							
P.....56	57.11.3103	100 Ohm							
P.....57	57.11.3103	100 Ohm							
P.....58	57.11.3103	100 Ohm							
P.....59	57.11.3103	100 Ohm							
P.....60	57.11.3103	100 Ohm							
P.....61	57.11.3103	100 Ohm							
P.....62	57.11.3103	100 Ohm							
P.....63	57.11.3103	100 Ohm							
P.....64	57.11.3103	100 Ohm							
P.....65	57.11.3103	100 Ohm							
P.....66	57.11.3103	100 Ohm							
P.....67	57.11.3103	100 Ohm							
P.....68	57.11.3103	100 Ohm							
P.....69	57.11.3103	100 Ohm							
P.....70	57.11.3103	100 Ohm							
P.....71	57.11.3103	100 Ohm							
P.....72	57.11.3103	100 Ohm							
P.....73	57.11.3103	100 Ohm							
P.....74	57.11.3103	100 Ohm							
P.....75	57.11.3103	100 Ohm							
P.....76	57.11.3103	100 Ohm							
P.....77	57.11.3103	100 Ohm							
P.....78	57.11.3103	100 Ohm							
P.....79	57.11.3103	100 Ohm							
P.....80	57.11.3103	100 Ohm							
P.....81	57.11.3103	100 Ohm							
P.....82	57.11.3103	100 Ohm							
P.....83	57.11.3103	100 Ohm							
P.....84	57.11.3103	100 Ohm							
P.....85	57.11.3103	100 Ohm							
P.....86	57.11.3103	100 Ohm							
P.....87	57.11.3103	100 Ohm							
P.....88	57.11.3103	100 Ohm							
P.....89	57.11.3103	100 Ohm							
P.....90	57.11.3103	100 Ohm							
P.....91	57.11.3103	100 Ohm							
P.....92	57.11.3103	100 Ohm							
P.....93	57.11.3103	100 Ohm							
P.....94	57.11.3103	100 Ohm							
P.....95	57.11.3103	100 Ohm							
P.....96	57.11.3103	100 Ohm							
P.....97	57.11.3103	100 Ohm							
P.....98	57.11.3103	100 Ohm							
P.....99	57.11.3103	100 Ohm							
P.....100	57.11.3103	100 Ohm							
P.....101	57								

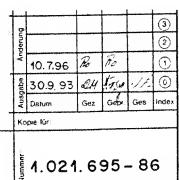
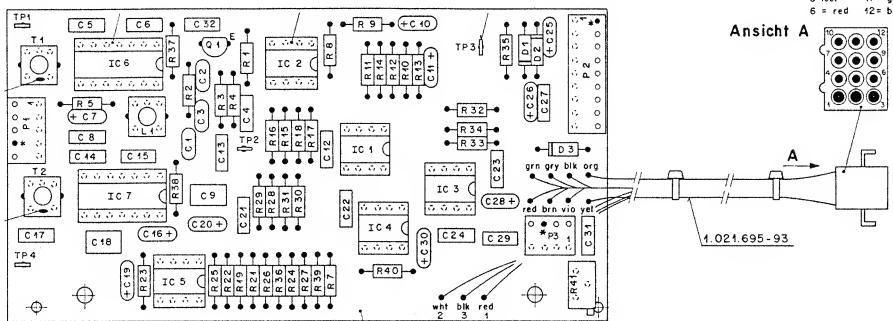
1.820.774.27 CAP. MOT. DRIVE AMP. BOARD ML 94/02/24

TACHO SENSOR ELECTRONICS PCB 1.021.695.86





TACHO SENSOR ELECTRONICS PCB 1.021.695.86



STUDER
REGENSDORF
ZURICH
Anwendung:
TACHO SENSOR
EL. BOARD ESE

1.021.695 - 86

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.34.4101	100p	CER 63V, 5%, N750	
0	C 2	59.34.5561	560p	CER 63V, 5%, N750	
0	C 3	59.34.4151	150p	CER 63V, 5%, N750	
0	C 4	59.06.0102	1n0	PETP, 63V, 10%, RM5	
0	C 5	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 6	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 7	59.26.2100	10u	SAL, 20%, 16V	
0	C 8	59.06.0473	47n	PETP, 63V, 10%, RM5	
0	C 9	59.06.0105	1u0	PETP, 50V, 10%, RM5	
0	C 10	59.26.9109	1u	SAL, 20%, 40V	
0	C 11	59.26.2100	10u	SAL, 20%, 16V	
0	C 12	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 13	59.06.0102	1n0	PETP, 63V, 10%, RM5	
0	C 14	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 15	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 16	59.26.2100	10u	SAL, 20%, 16V	
0	C 17	59.06.0473	47n	PETP, 63V, 10%, RM5	
0	C 18	59.06.0105	1u0	PETP, 50V, 10%, RM5	
0	C 19	59.26.9109	1u	SAL, 20%, 40V	
0	C 20	59.26.2100	10u	SAL, 20%, 16V	
0	C 21	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 22	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 23	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 24	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 25	59.26.1220	22u	SAL, 20%, 10V	
0	C 26	59.26.1220	22u	SAL, 20%, 10V	
0	C 27	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 28	59.26.2100	10u	SAL, 20%, 16V	
0	C 29	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 30	59.26.1479	4u7	SAL, 20%, 10V	
0	C 31	59.06.0104	100n	PETP, 63V, 10%, RM5	
0	C 32	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	D 1	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	
0	D 2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	
0	D 3	50.04.0122	1N4001	1A, DO 41	
0	I C 1	50.15.0114	9637	Dual diff Line Receiver	
0	I C 2	50.09.0101	TL072	IC TL 072 CN	A
0	I C 3	50.05.0263	LM393	Dual Comparator	
0	I C 4	50.05.0283	LM393	Dual Comparator	
0	I C 5	50.09.0101	TL072	IC TL 072 CN	A
0	I C 6	50.11.0151	TBA120U	IC TBA 120 UV5	
0	I C 7	50.11.0151	TBA120U	IC TBA 120 UV5	
0	L 1	1.022.222.00	L16mH	HF-DROSSEL 16 MH	
0	P 1	54.01.0288	5-P	J LEISTE 5 POL CIS AUF'S	
0	P 2	54.01.0217	9-P	J LEISTE 9 POL CIS AUF'S	
0	P 3	54.01.0241	4-P	J LEISTE 4 POL CIS AUF'S	
0	Q 1	50.03.0514	BF366	BF 366	NPN
0	R 1	57.11.3103	10k	MF, 1%, 0207	
0	R 2	57.11.3103	10k	MF, 1%, 0207	
0	R 3	57.11.3102	1k0	MF, 1%, 0207	
0	R 4	57.11.3121	120R	MF, 1%, 0207	
0	R 5	57.11.3121	120R	MF, 1%, 0207	
0	R 6	not used	not used	not used	
0	R 7	57.11.3223	22k	MF, 1%, 0207	
0	R 8	57.11.3183	18k	MF, 1%, 0207	
0	R 9	57.11.3152	1k5	MF, 1%, 0207	
0	R 10	57.11.3103	10k	MF, 1%, 0207	
0	R 11	57.11.3103	10k	MF, 1%, 0207	
0	R 12	57.11.3103	10k	MF, 1%, 0207	
0	R 13	57.11.3103	10k	MF, 1%, 0207	
0	R 14	57.11.3105	1M0	MF, 1%, 0207	
0	R 15	57.11.3103	10k	MF, 1%, 0207	
0	R 16	57.11.3562	5k6	MF, 1%, 0207	
0	R 17	57.11.3103	10k	MF, 1%, 0207	
0	R 18	57.11.3103	10k	MF, 1%, 0207	
0	R 19	57.11.3121	120R	MF, 1%, 0207	
0	R 20	not used	not used	not used	
0	R 21	57.11.3223	22k	MF, 1%, 0207	
0	R 22	57.11.3183	18k	MF, 1%, 0207	
0	R 23	57.11.3152	1k5	MF, 1%, 0207	
0	R 24	57.11.3103	10k	MF, 1%, 0207	
0	R 25	57.11.3103	10k	MF, 1%, 0207	
0	R 26	57.11.3103	10k	MF, 1%, 0207	
0	R 27	57.11.3103	10k	MF, 1%, 0207	
0	R 28	57.11.3103	10k	MF, 1%, 0207	
0	R 29	57.11.3562	5k6	MF, 1%, 0207	
0	R 30	57.11.3103	10k	MF, 1%, 0207	

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 31	57.11.3103	10k	MF, 1%	0207
0	R 32	57.11.3472	4k7	MF, 1%	0207
0	R 33	57.11.3472	4k7	MF, 1%	0207
0	R 34	57.11.3472	4k7	MF, 1%	0207
0	R 35	57.11.3101	100R	MF, 1%	0207
0	R 36	57.11.3105	1M0	MF, 1%	0207
0	R 37	57.11.3681	680R	MF, 1%	0207
0	R 38	57.11.3681	680R	MF, 1%	0207
0	R 39	57.11.3822	8k2	MF, 1%	0207
0	R 40	57.11.3822	8k2	MF, 1%	0207
0	R 41	58.05.0501	500R	10%, 0.5W, Cermet	
1	T 1	1.022.230.82		Trafo	DISKRIMINATORTRAFO
1	T 2	1.022.230.82		Trafo	DISKRIMINATORTRAFO
0	TP 1	29.21.6002	1-P	LOETOESE	
0	TP 2	29.21.6002	1-P	LOETOESE	
0	TP 3	29.21.6002	1-P	LOETOESE	
0	TP 4	29.21.6002	1-P	LOETOESE	

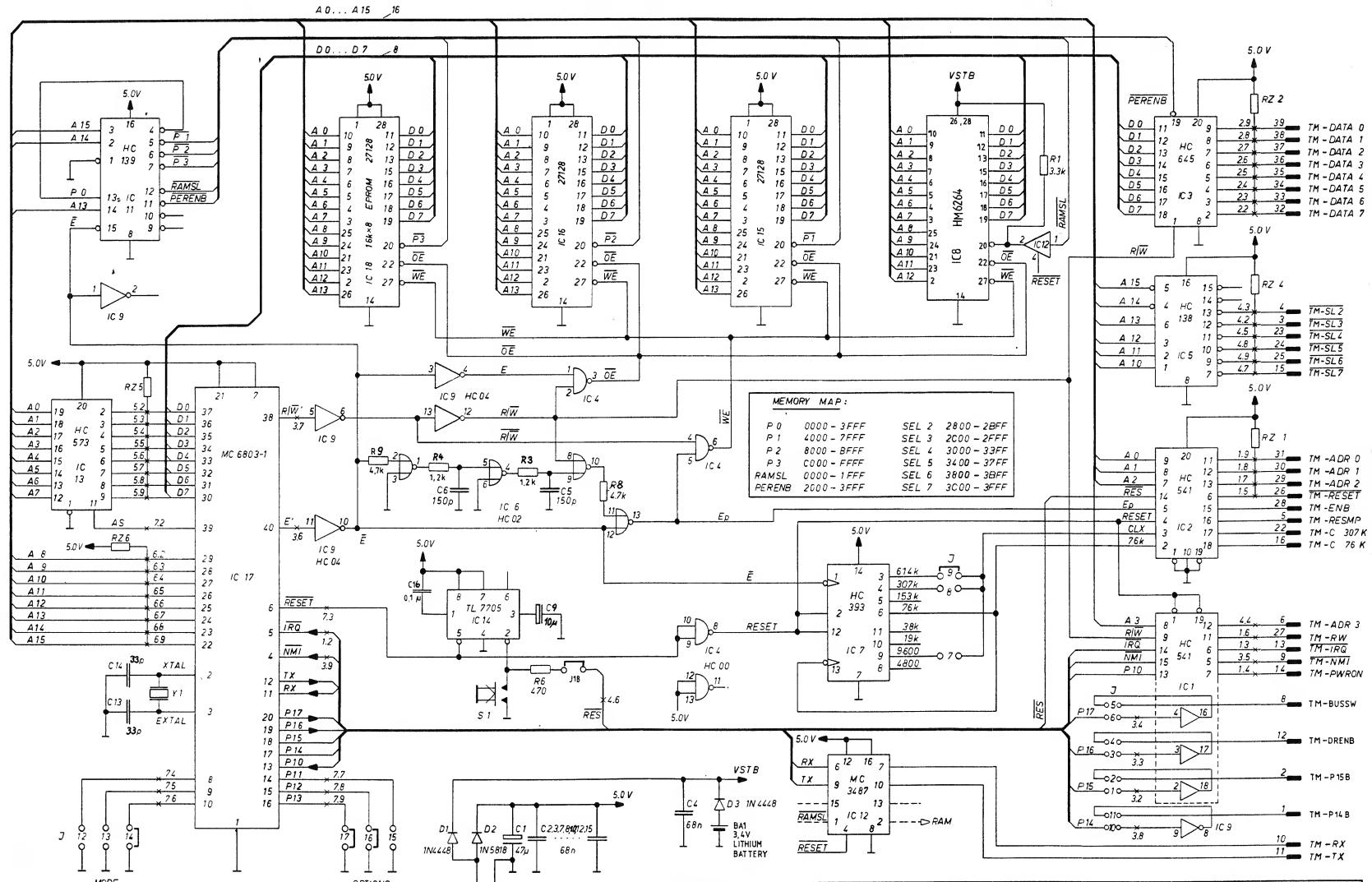
— End of List —

Comments

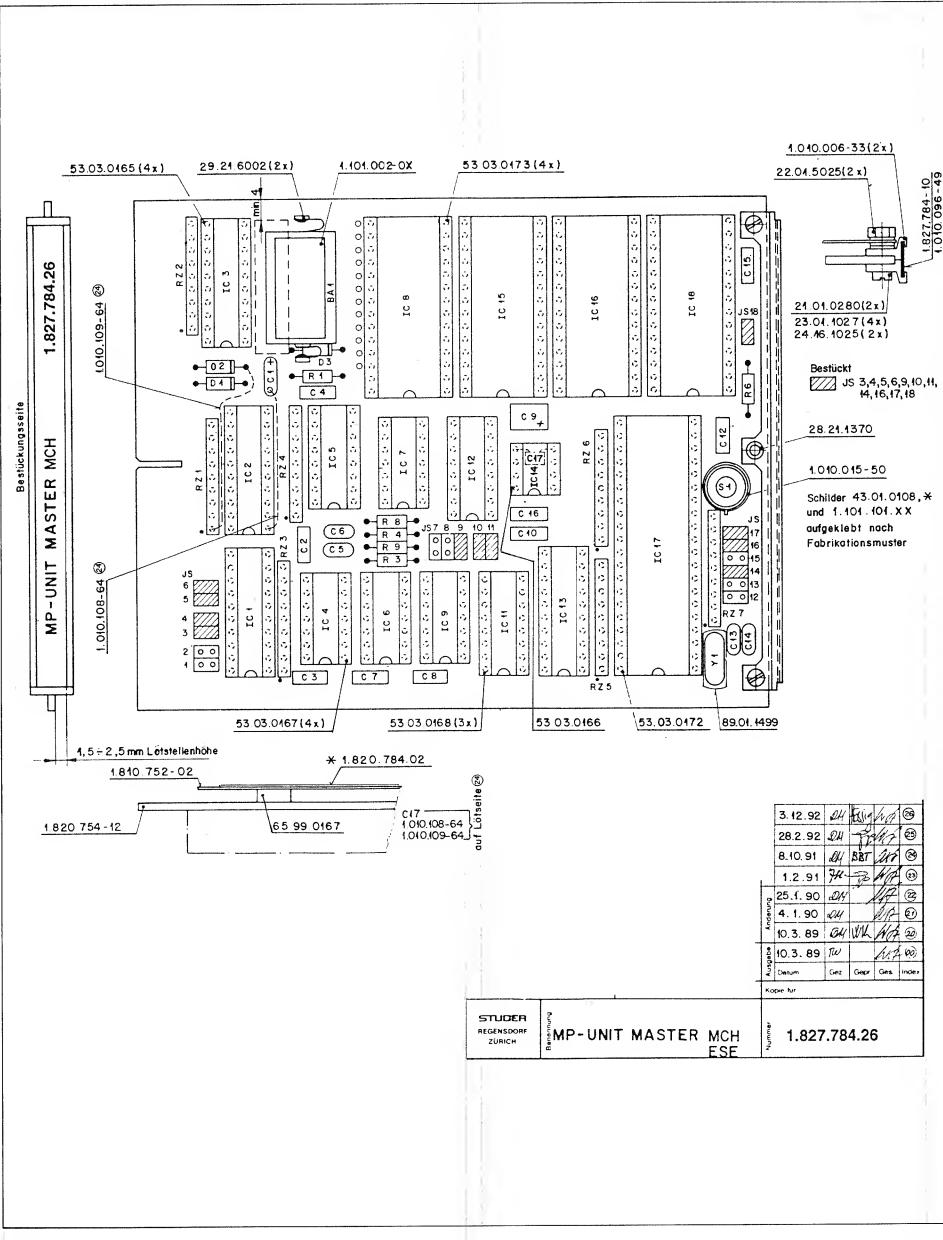
- * Note 1: Pot. Bourns, Nr. 3296 Z-1-501
- * Spectrol, Nr. 64 Z 501 T 000
- * Murata, Nr: Pot 3105 Z-1-501
- *
- * Note 2: Plug: 5-Pin AMP, NR.: -163-680-3
- * Note 3: Plug 9-Pin AMP, NR.: -163 680-7
- * Note 4: Plug: 3-Pin AMP, NR.: -163 680-1
- * CE=Ceramic, EL=Electrolytic, PETP=Polyester Film
- *
- * MANUFACTURER: Fc=fairchild, GI=General Instruments, ITT=Intertek,

(a1) T1+T2 - 81 changed to -82

MP UNIT MASTER MCH 1.827.784.26

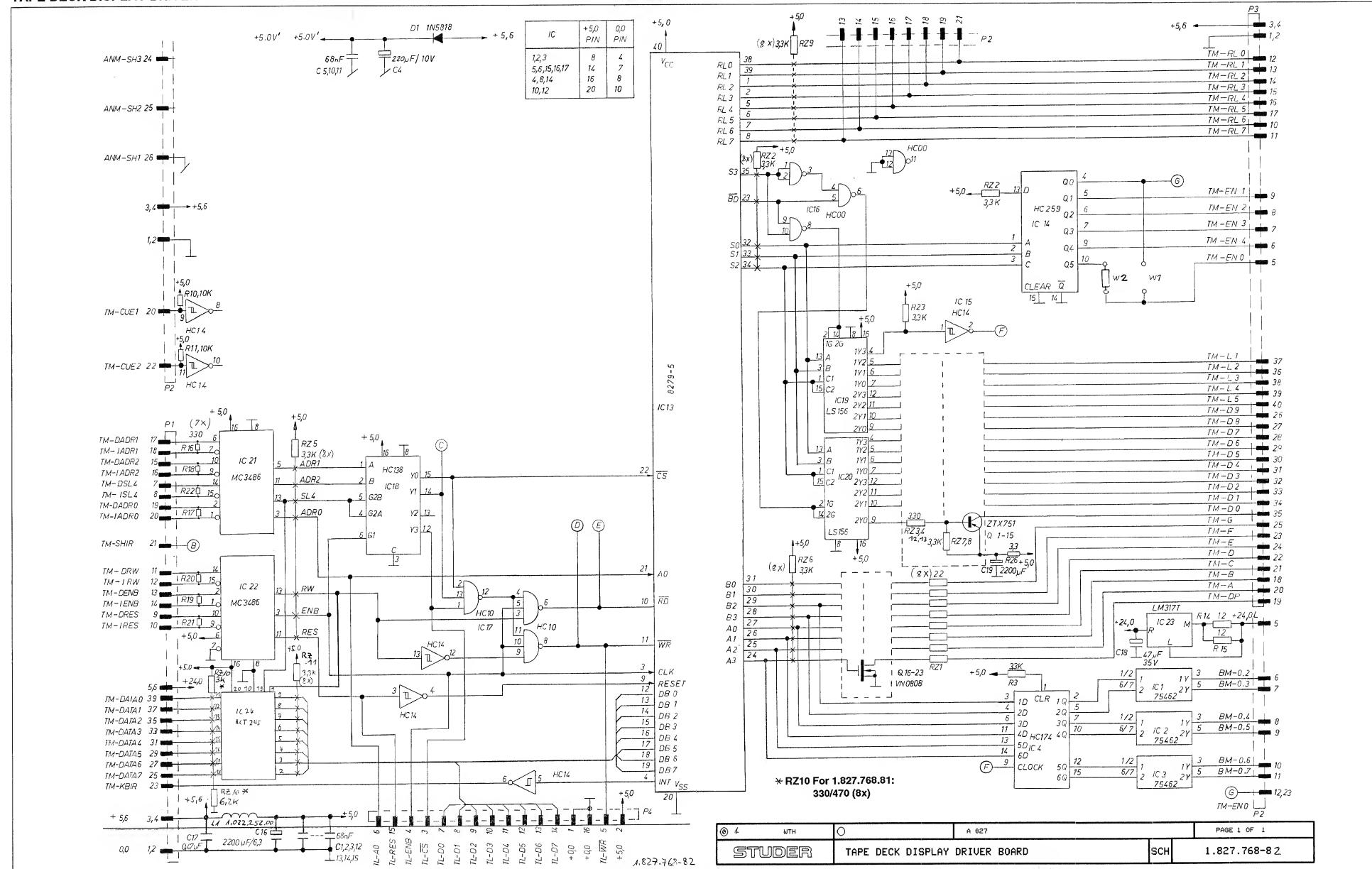


MP UNIT MASTER MCH 1.827.784.26

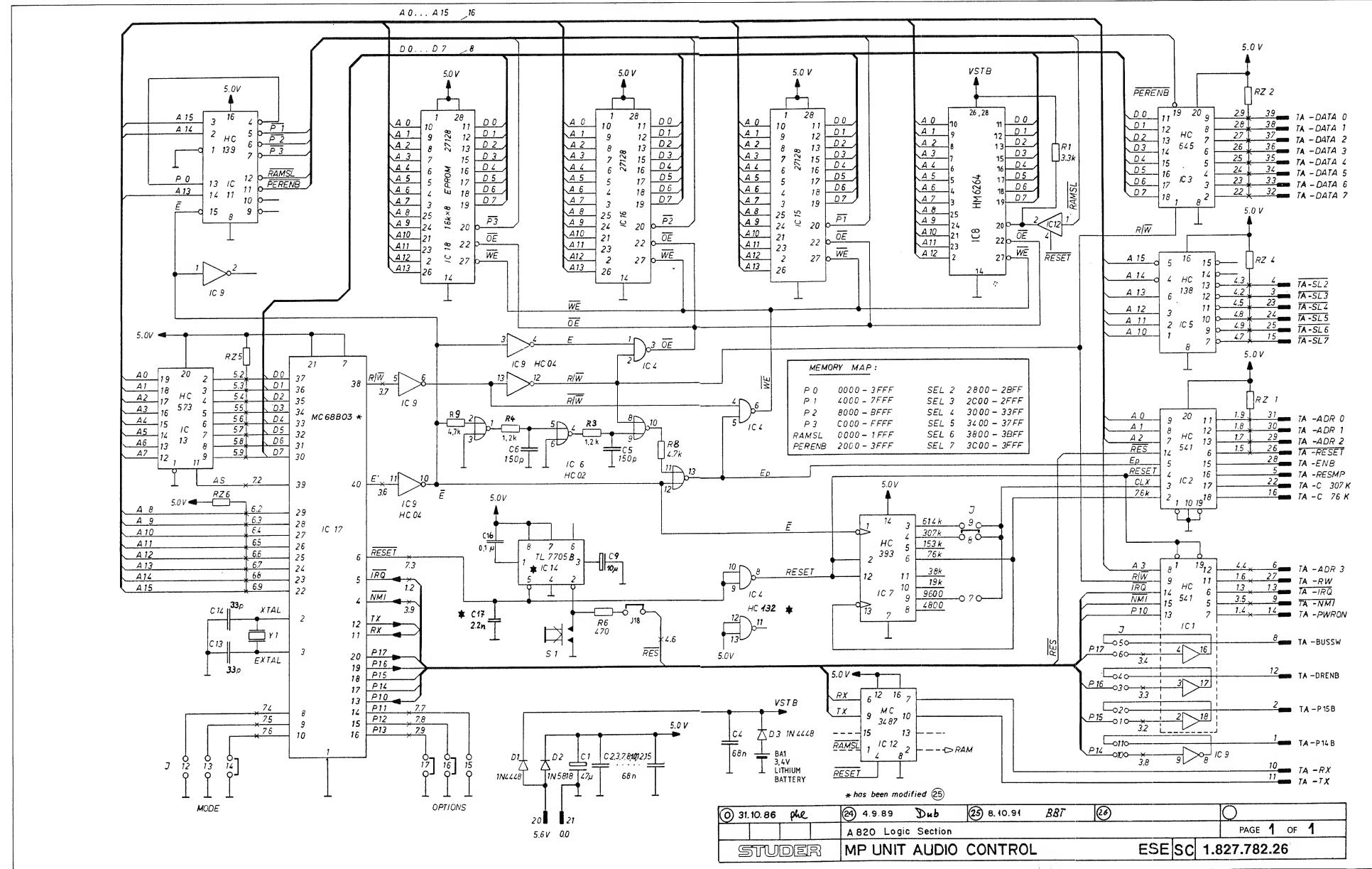


Ad	POS.	REF.No...	DESCRIPTION	MANUFACTURER	Ad	POS.	REF.No...	DESCRIPTION	MANUFACTURER
BA.....1	89.01.0275		Batt, Lith., 3.6V, D 14.7*25.5		S.....1	55.03.0122		Chicago Switch	34-550-001
C.....1	59.05.06830	47 uF	20%, 6.3V x .5uF	Ph	Y.....1	89.01.0560		4.9152 MHz, +100 ppm	
C.....2	59.05.06831	68 nF	10%, 63V	Ph	(20)	89/09/27	Software 38/89		
C.....3	59.05.06833	68 nF	10%, 63V	Ph	(21)	90/01/04	Software 48/89		
C.....4	59.05.06833	68 nF	10%, 63V	Ph	(22)	90/01/25	Software 09/90		
C.....5	59.05.06833	150 pF	2%, 63V	Ph	(23)	91/02/01	Software 05/91		
C.....6	59.34.1751	150 pF	2%, Ce		(24)	91/10/08	Same software as 05/91 suffix (23), improved reset performance.		
C.....7	59.05.06833	68 nF	10%, 63V	Ph	(25)	92/02/28	Software 10/92		
C.....8	59.05.06833	68 nF	10%, 63V	Ph	(26)	92/12/03	Software 50/92		
C.....9	59.25.2100	10 uF	20%, 16V	Sat	Note 1 - IC15/16/18 :	Software in set available only.			
C.....10	59.05.06833	68 nF	10%, 63V	Ph	Note 2 - Contact pin:	Studer	Nr. 54.01.0020		
C.....11	00.00.0000	not used			Berg	Nr. 75.160-102-36			
C.....12	59.05.06833	68 nF	10%, 63V	Ph	Philips	Nr. 54.01.0021 59303			
C.....13	59.24.2330	33 pF	5%, Ce		Bridge:	Studer	Nr. 54.01.0022		
C.....14	59.24.2330	33 pF	5%, Ce		Berg	Nr. 65.474-001			
C.....15	59.05.06833	68 nF	10%, 63V	Ph	Philips	Nr. 2422 024 8803			
C.....16	59.05.06833	100 nF	10%, 63V	Ph	Note 3 - Network:	8 x 3.3 kOhm, 5%			
C.....17	59.05.06822	2.2 nF	10%, 63V	Ph	Sicavent Nr. C09 x 3.3 k J				
D.....1	50.04.0125	IN 4448		Fc, ITT, Ph, Ss, Tf	Ineltrö Nr. R88 3.3 k 5%				
D.....2	50.04.0512	IN 5818		Hot	Cer=Ceramic, Ss=Solid Aluminium, PETP=Polyesterfilm.				
D.....3	50.04.0125	IN 4448		Fc, ITT, Ph, Ss, Tf					
IC.....1	50.17.1541	74 HC 541		Hot, NS, Ph, Rca, Sgs, Ti, To	MANUFACTURER: F=Fairchild, Hi=Hitachi, ITT=Intemall, Mot=Motorola,				
IC.....2	50.17.1541	74 HC 541		Hot, NS, Ph, Rca, Sgs, Ti, To	NS=National Semiconductors, OK=OKI, Ph=Philips,				
IC.....3	50.17.1541	74 HC 541		Hot, NS, Ph, Rca, Sgs, Ti, To	Ses=Sescom, Tf=Telefunken, Ti=Texas Instruments.				
IC.....4	50.17.1000	74 HC 00		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....5	50.17.1132	74 HC 132		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....6	50.17.1138	74 HC 138		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....7	50.17.1139	74 HC 139		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....8	50.14.0133	IM6264P-15	TC 5564-15	Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....9	50.17.0004	74 HCT 04		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....10	00.00.0000	not used							
IC.....11	50.17.1139	74 HC 139		Hot, NS, Ph, Rca, Sgs, Ti, To					
IC.....12	50.15.0105	MC 3487 P	DS 3487 N	Hot, NS, Ph, Rca, Sgs, Ti, To	1.827.784.00 MP-UNIT MASTER MCH	Wth89/02/1400			
IC.....13	50.17.1973	74 HC 573		Hot, NS, Ph, Rca, Sgs, Ti, To	1.827.784.00 MP-UNIT MASTER MCH	Wth89/09/2720			
IC.....14	50.11.0157	MC 3487 P	TL77058CP	Hot, NS, Ph, Rca, Sgs, Ti, To	1.827.784.00 MP-UNIT MASTER MCH	Wth90/01/0421			
IC.....15	50.14.0125	27128	HN 48271286-30	Hot, NS, Ph, Rca, Sgs, Ti, To	1.827.784.00 MP-UNIT MASTER MCH	Wth90/01/2522			
20	IC.....16	1.827.386-20		Software 08/89, see note 1	1.827.784.00 MP-UNIT MASTER MCH	Wth91/02/0123			
21	IC.....17	1.827.386-20		Software 48/89, see note 1	1.827.784.00 MP-UNIT MASTER MCH	Wth91/10/0824			
22	IC.....18	1.827.386-22		Software 03/90, see note 1	1.827.784.00 MP-UNIT MASTER MCH	Wth92/02/2825			
23	IC.....19	1.827.386-23		Software 05/91, see note 1	1.827.784.00 MP-UNIT MASTER MCH	GP 92/12/0326			
25	IC.....20	1.827.386-24		Software 10/92, see note 1					
26	IC.....21	1.827.386-25		Software 50/92, see note 1					
27	IC.....22	50.16.0107	MC6803P-1	Hot, NS, Ph, Rca, Sgs, Ti, To					
28	IC.....23	50.16.0107	MC6803P-1	Hot, NS, Ph, Rca, Sgs, Ti, To					
29	IC.....24	1.827.386-20	27128	Software 71286-30					
30	IC.....25	1.827.386-20		Software 38/89, see note 1					
31	IC.....26	1.827.386-21		Software 48/89, see note 1					
32	IC.....27	1.827.386-22		Software 03/90, see note 1					
33	IC.....28	1.827.386-23		Software 05/91, see note 1					
34	IC.....29	1.827.386-24		Software 10/92, see note 1					
35	IC.....30	1.827.386-25		Software 50/92, see note 1					
JS.....1	.	.	see note 2		END				
JS.....2	.	.	see note 2		*				
JS.....3	.	.	see note 2						
JS.....4	.	.	see note 2						
JS.....5	.	.	see note 2						
JS.....6	.	.	see note 2						
JS.....7	.	.	see note 2						
JS.....8	.	.	see note 2						
JS.....9	.	.	see note 2						
JS.....10	.	.	see note 2						
JS.....11	.	.	see note 2						
JS.....12	.	.	see note 2						
JS.....13	.	.	see note 2						
JS.....14	.	.	see note 2						
JS.....15	.	.	see note 2						
JS.....16	.	.	see note 2						
JS.....17	.	.	see note 2						
JS.....18	.	.	see note 2						
NP.....1	29.21.6002								
NP.....2	29.21.6002								
R.....1	57.11.4332	3.3 kOhm	5%						
R.....2	00.00.0000	not used							
R.....3	57.11.4122	1.2 kOhm	5%						
R.....4	57.11.4122	1.2 kOhm	5%						
R.....5	00.00.0000	not used							
R.....6	57.11.4471	470 Ohm	5%						
R.....7	00.00.0000	not used							
R.....8	57.11.4472	4.7 kOhm	5%						
R.....9	57.11.4472	4.7 kOhm	5%						
RZ.....1	57.88.4332		see note 3						
RZ.....2	57.88.4332		see note 3						
RZ.....3	57.88.4332		see note 3						
RZ.....4	57.88.4332		see note 3						
RZ.....5	57.88.4332		see note 3						
RZ.....6	57.88.4332		see note 3						
RZ.....7	57.88.4332		see note 3						

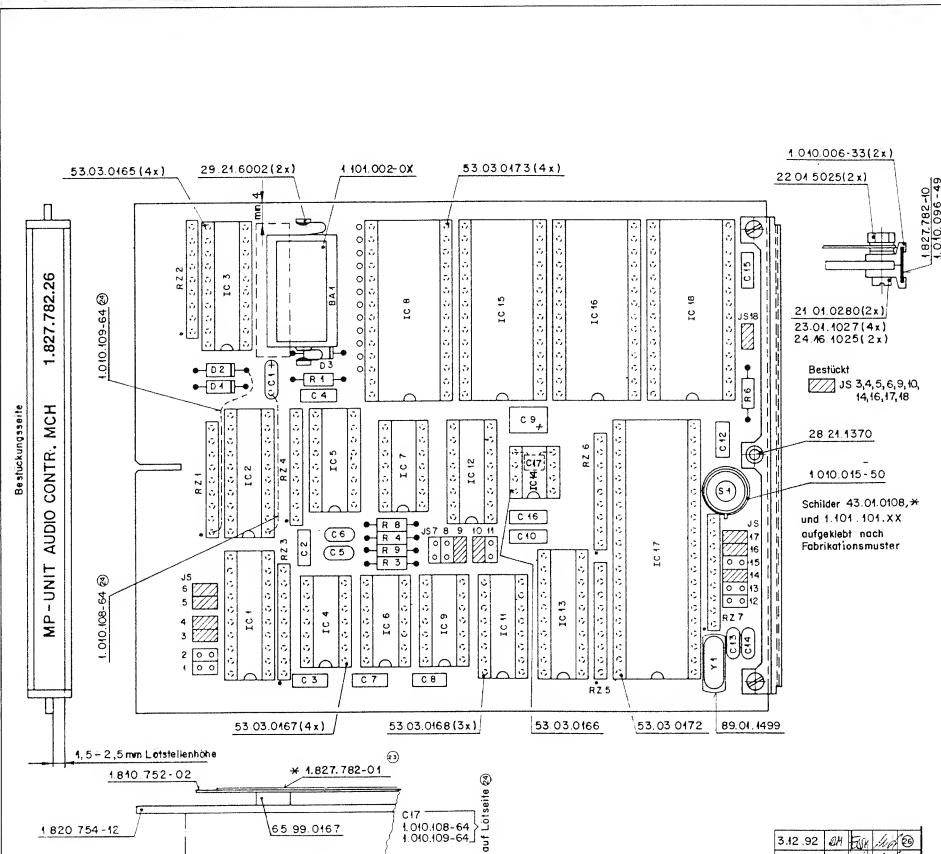
TAPE DECK DISPLAY DRIVER BOARD 1.827.768.82



MP UNIT AUDIO CONTROL 1.827.782.26

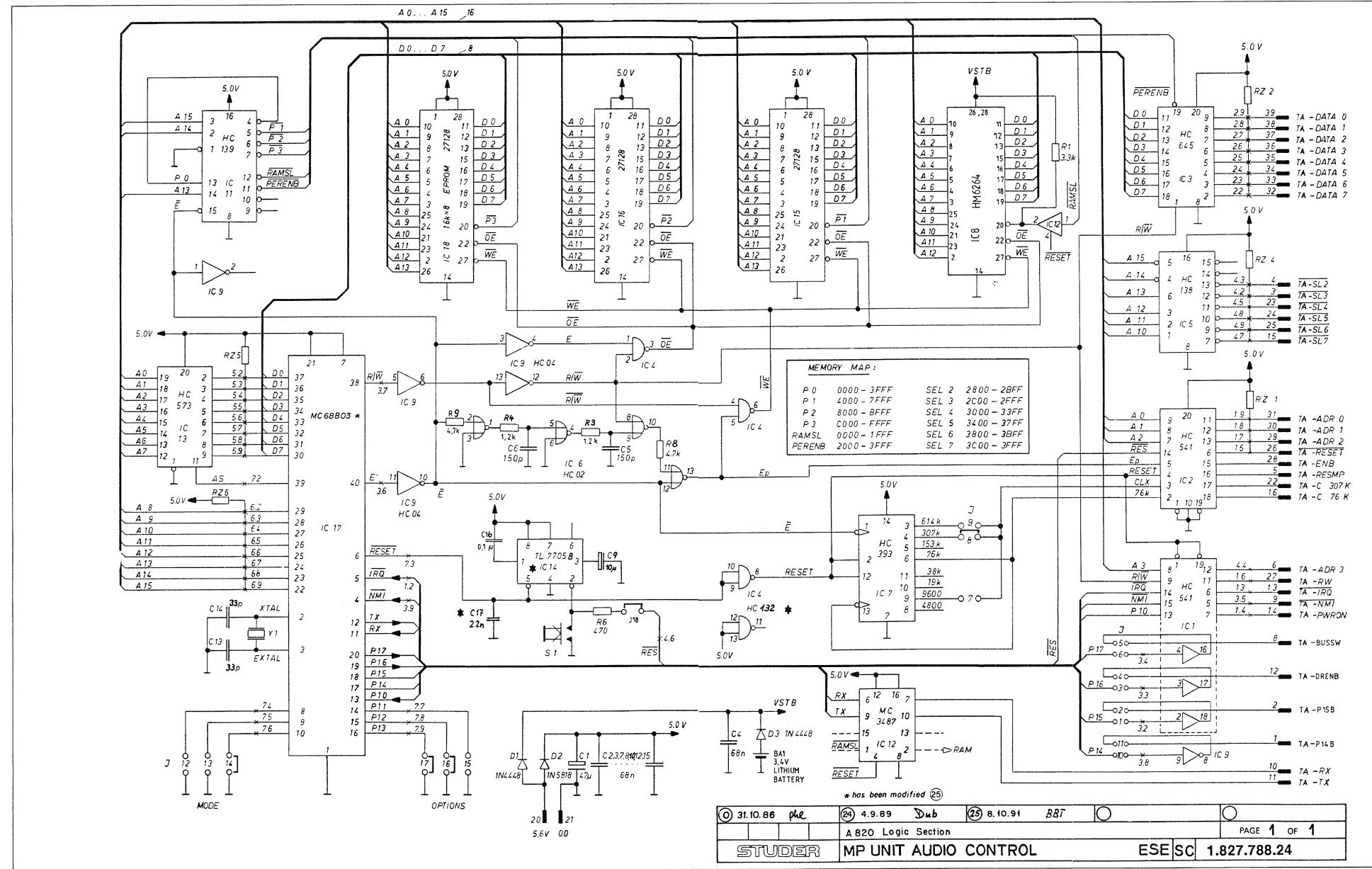


MP UNIT AUDIO CONTROL 1.827.782.26

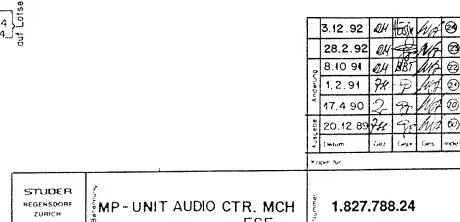
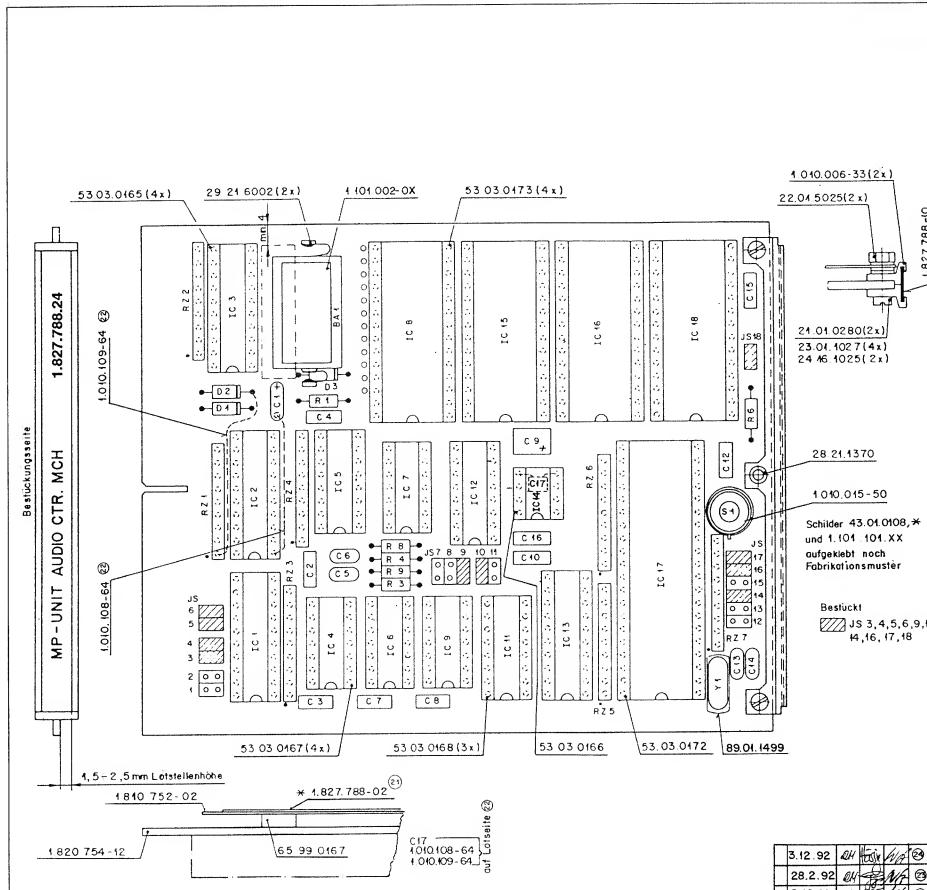


Ad	POS.	REF. No.	DESCRIPTION.....	MANUFACTURER	Ad	POS.	REF. No.	DESCRIPTION.....	MANUFACTURER
BA.....1	89.01.0275	Batt, Lith., 3.6V, D 14.7*25.5			S.....1	55.03.0122	Chicago Switch	34-550-001	
C.....1	59.06.0470	47 uF 20% 6.3V , SaI	Ph		Y.....1	89.01.0560	4.9152 MHz, +/-100 ppm		
C.....2	59.06.0683	68 nF 10% 63V , PETP			(20)	89/09/27	Software 38/89		
C.....3	59.06.0683	68 nF 10% 63V , PETP			(21)	90/01/04	Software 48/89		
C.....4	59.06.0683	68 nF 10% 63V , PETP			(22)	90/04/20	Software 16/90		
C.....5	59.06.0683	150 nF 20% 63V , Ce			(23)	91/02/01	Software 04/91		
C.....6	59.34.7151	150 pF 2%, Ce			(24)	91/10/08	Same software as 04/91 suffix (23), improved reset performance.		
C.....7	59.06.0683	68 nF 10% 63V , PETP			(25)	92/02/28	Software 10/92		
C.....8	59.06.0683	68 nF 10% 63V , PETP			(26)	92/12/03	Software 50/92		
C.....9	59.26.2100	16 uF 20% 16V , SaI			Note 1 - IC15,16/18 : Software in set available only.				
C.....10	59.06.0683	68 nF 10% 63V , PETP			Note 2 - Contact pin: Studer Nr. 54.01.0020				
C.....11 00.00.0000 not used									
C.....12	59.06.0683	68 nF 10% 63V , PETP			Berg Nr. 75.160-102-36				
C.....13	59.34.2330	33 pF 5%, Ce			Philips Nr. 2422.024 8903				
C.....14	59.34.2330	33 pF 5%, Ce			Studer Nr. 65.01.0020				
C.....15	59.06.0683	68 nF 10% 63V , PETP			Berg Nr. 65.474-001				
C.....16	59.06.0104	100 nF 10% 63V , PETP			Philips Nr. 2422.024 88003				
C.....17	59.06.0222	2.2 nF 10% 63V , PETP			Note 3 - Network: 0 * 3.2 kOhm 5%				
D.....1 50.04.0125 IN 4448									
D.....2	50.04.0512	IN 5818	Fc,ITT,Ph,Ses,Tf		Sicovend Nr.: C09 3 x 3 kJ				
D.....3	50.04.0125	IN 4448	Fc,ITT,Ph,Ses,Tf		Siemetz Nr.: R88 3.3 k 5%				
IC.....1 50.17.1541 74 HC 541					Ce-Ceramic, SaI=Solid Aluminium, PETP=Polyesterfilm.				
IC.....2	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....3	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....4	50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....5	50.17.1132	74 HC 132	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....6	50.17.1138	74 HC 138	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....7	50.17.1002	74 HC 02	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....8	50.17.1132	74 HC 132	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....9	50.14.0133	HM6264P-15	TC 5564-15	Mot,NS,Ph,RCA,SGS,II,Ti					
IC.....10	50.17.0000	74 HCT 04	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....11 50.17.1139 74 HC 139									
IC.....12	50.15.1005	MC 3487 N	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....13	50.17.1573	74 HC 573	Mot,NS,Ph,RCA,SGS,II,Ti						
IC.....14 50.11.0157 TL7098C									
IC.....15	50.14.0125	27128	HN 48271286-30	Mot,NS,Ph,RCA,SGS,II,Ti					
IC.....16	1.827.987.20		Software 38/89, see note 1	Hi,It					
IC.....17	1.827.987.20		Software 48/89, see note 1	St					
IC.....18	1.827.987.20		Software 16/90, see note 1	St					
IC.....19	1.827.987.22		Software 04/91, see note 1	St					
IC.....20	1.827.987.22		Software 10/92, see note 1	St					
IC.....21	1.827.987.20		Software 04/92, see note 1	St					
IC.....22	1.827.987.20		Software 48/89, see note 1	St					
IC.....23	1.827.987.22		Software 16/90, see note 1	St					
IC.....24	1.827.987.24		Software 04/91, see note 1	St					
IC.....25	1.827.987.24		Software 10/92, see note 1	St					
IC.....26	1.827.987.24		Software 04/92, see note 1	St					
IC.....27	1.827.987.25		Software 48/89, see note 1	St					
IC.....28	1.827.987.20		Software 16/90, see note 1	St					
IC.....29	1.827.987.21		Software 04/91, see note 1	St					
IC.....30	1.827.987.22		Software 10/92, see note 1	St					
IC.....31	1.827.987.22		Software 04/92, see note 1	St					
IC.....32	1.827.987.22		Software 48/89, see note 1	St					
IC.....33	1.827.987.22		Software 16/90, see note 1	St					
IC.....34	1.827.987.22		Software 04/91, see note 1	St					
IC.....35	1.827.987.24		Software 10/92, see note 1	St					
IC.....36	1.827.987.24		Software 04/92, see note 1	St					
IC.....37	1.827.987.24		Software 48/89, see note 1	St					
IC.....38	1.827.987.24		Software 16/90, see note 1	St					
IC.....39	1.827.987.25		Software 04/91, see note 1	St					
IC.....40	1.827.987.25		Software 10/92, see note 1	St					
IC.....41 50.16.0107 MC6803P-1									
IC.....42	50.16.0125	27128	HN 48271286-30	Mot,Hi,It					
IC.....43	1.827.987.20		Software 38/89, see note 1	St					
IC.....44	1.827.987.21		Software 48/89, see note 1	St					
IC.....45	1.827.987.22		Software 16/90, see note 1	St					
IC.....46	1.827.987.22		Software 04/91, see note 1	St					
IC.....47	1.827.987.24		Software 10/92, see note 1	St					
IC.....48	1.827.987.24		Software 04/92, see note 1	St					
IC.....49	1.827.987.25		Software 48/89, see note 1	St					
IC.....50	1.827.987.25		Software 16/90, see note 1	St					
IC.....51	1.827.987.25		Software 04/91, see note 1	St					
IC.....52	1.827.987.25		Software 10/92, see note 1	St					
IC.....53	1.827.987.25		Software 04/92, see note 1	St					
IC.....54	1.827.987.20		Software 38/89, see note 1	St					
IC.....55	1.827.987.20		Software 48/89, see note 1	St					
IC.....56	1.827.987.20		Software 16/90, see note 1	St					
IC.....57	1.827.987.22		Software 04/91, see note 1	St					
IC.....58	1.827.987.22		Software 10/92, see note 1	St					
IC.....59	1.827.987.22		Software 04/92, see note 1	St					
IC.....60	1.827.987.25		Software 48/89, see note 1	St					
IC.....61	1.827.987.25		Software 16/90, see note 1	St					
IC.....62	1.827.987.25		Software 04/91, see note 1	St					
IC.....63	1.827.987.25		Software 10/92, see note 1	St					
IC.....64	1.827.987.25		Software 04/92, see note 1	St					
IC.....65	1.827.987.20		Software 38/89, see note 1	St					
IC.....66	1.827.987.20		Software 48/89, see note 1	St					
IC.....67	1.827.987.20		Software 16/90, see note 1	St					
IC.....68	1.827.987.22		Software 04/91, see note 1	St					
IC.....69	1.827.987.22		Software 10/92, see note 1	St					
IC.....70	1.827.987.22		Software 04/92, see note 1	St					
JS.....1	.	.	see note 2						
JS.....2	.	.	see note 2						
JS.....3	.	.	see note 2						
JS.....4	.	.	see note 2						
JS.....5	.	.	see note 2						
JS.....6	.	.	see note 2						
JS.....7	.	.	see note 2						
JS.....8	.	.	see note 2						
JS.....9	.	.	see note 2						
JS.....10	.	.	see note 2						
JS.....11	.	.	see note 2						
JS.....12	.	.	see note 2						
JS.....13	.	.	see note 2						
JS.....14	.	.	see note 2						
JS.....15	.	.	see note 2						
JS.....16	.	.	see note 2						
JS.....17	.	.	see note 2						
JS.....18	.	.	see note 2						
HP.....1	29.21.6002		see note 3						
HP.....2	29.21.6002		see note 3						
R.....1	57.11.4332	3.3 kOhm	5%						
R.....2	00.00.0000	not used							
R.....3	57.11.4122	1.2 kOhm	5%						
R.....4	57.11.4122	1.2 kOhm	5%						
R.....5	00.00.0000	not used							
R.....6	57.11.4471	470 Ohm	5%						
R.....7	00.00.0000	not used							
R.....8	57.11.4472	4.7 kOhm	5%						
R.....9	57.11.4472	4.7 kOhm	5%						
RZ.....1	57.88.4332	see note 3							
RZ.....2	57.88.4332	see note 3							
RZ.....3	57.88.4332	see note 3							
RZ.....4	57.88.4332	see note 3							
RZ.....5	57.88.4332	see note 3							
RZ.....6	57.88.4332	see note 3							
RZ.....7	57.88.4332	see note 3							

MP UNIT AUDIO CONTROL 1.827.788.24



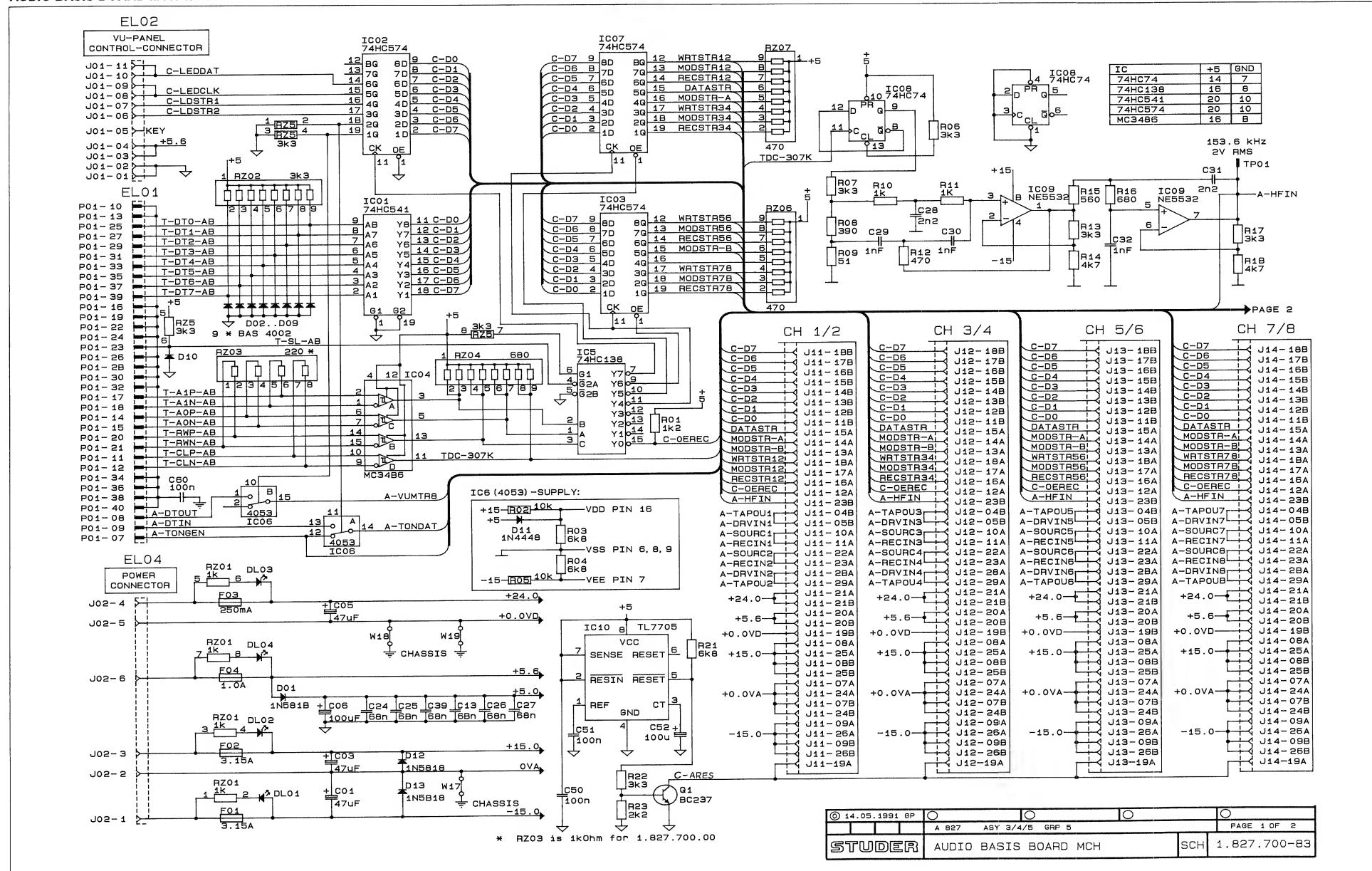
MP UNIT AUDIO CONTROL 1.827.788.24



Ad ..	POS..	REF.No...	DESCRIPTION.....	MANUFACTURER	Ad ..	POS..	REF.No...	DESCRIPTION.....	MANUFACTURER
BA....1	89.01.0275		Batt, Lith., 3.6V, 0 14.7*25.5		(21)	91/02/01	Software 05/91		
C....1	59.06.0470	47 uF	20V, 6.3V, Sal	Ph	(22)	91/10/08	Same software as 05/91 suffix (21), improved reset performance		
C....2	59.06.0683	68 nF	10V, 63V, PETP		(23)	92/02/28	Software 10/92		
C....3	59.06.0683	68 nF	10V, 63V, PETP		(24)	92/12/05	Software 50/92		
C....4	59.06.0683	68 nF	10V, 63V, PETP					Note 1 - IC15/16/18 : Software in set available only.	
C....5	59.06.3341	150 pF	25V, Ce					Note 2 - Contact pin: Studer Nr. 54.01.00.2020	
C....6	59.06.0683	68 nF	10V, 63V, PETP					Berg Nr. 75 160-102-30	
C....7	59.06.0683	68 nF	10V, 63V, PETP					Philips Nr. 2422 025 9393	
C....8	59.06.0683	10 uF	20V, 16V, Sal					Bridge: Studer Nr. 54.01.00.2020	
C....9	59.26.2108	68 nF	10V, 63V, PETP					Berg Nr. 65 474-001	
C....10	59.06.0683	68 nF	10V, 63V, PETP					Philips Nr. 2422 024 88003	
C....11	00.00.0000	not used						Note 3 - Network: 8 = 3.3 kOhm, 5% Siconic Nr. C08 x 3.3 kJ	
C....12	59.06.0683	68 nF	10V, 63V, PETP					Ineltronic Nr. R88 3.3 k 5%	
C....13	59.34.2330	33 pF	5%, Ce					Ce=Ceramic, Sal=Solid Aluminum, PETP=Polyesterfilm.	
C....14	59.34.2330	33 pF	5%, Ce					MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intertel, Mot=Motorola, NS=National Semiconductors, OK=OKI, Ph=Philips, Ses=Sescom, Tf=Telefunken, TI=Texas Instruments.	
C....15	59.06.0683	68 nF	10V, 63V, PETP						
C....16	59.06.0108	100 nF	10V, 63V, PETP					1.827.788.00 MP-UNIT AUDIO CONTROL MCH	Wth89/12/2000
C....17	59.06.0222	2.2 nF	10V, 63V, PETP					1.827.788.00 MP-UNIT AUDIO CONTROL MCH	Wth90/04/1720
22	0....1	50.04.0125	IN 4488	Fc, ITT, Ph, Ses, Tf				1.827.788.00 MP-UNIT AUDIO CONTROL MCH	Wth91/02/0121
	0....2	50.04.0125	IN 5819	Not				1.827.788.00 MP-UNIT AUDIO CONTROL MCH	BB791/10/0822
	0....3	50.04.0125	IN 4488	Fc, ITT, Ph, Ses, Tf				1.827.788.00 MP-UNIT AUDIO CONTROL MCH	Wth92/02/2823
	IC....1	50.17.1541	74 HC 541	Hot, NS, Ph, RCA, SGS, TI, To				1.827.788.00 MP-UNIT AUDIO CONTROL MCH	GP 92/12/0324
	IC....2	50.17.1541	74 HC 541	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....3	50.17.1541	74 HC 541	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....4	50.17.1000	74 HC 00	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....5	50.17.1132	74 HC 132	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....6	50.17.1132	74 HC 138	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....7	50.17.1393	74 HC 393	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....8	50.17.0033	HM624P-15	TC 5564-15	Hot, NS, Ph, RCA, SGS, TI, To				
	IC....9	50.17.0000	74 HCT 04	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....10	00.00.0000	not used						
	IC....11	50.17.1139	HC 139	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....12	50.15.0109	MC 3487 P	DS 3487 N	Hot, NS, Ph, RCA, SGS, TI, To				
	IC....13	50.17.1573	74 HC 173	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....14	50.17.1573	74 HC 173	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....15	50.11.0157	TL7705BCP	27128	Hot, NS, Ph, RCA, SGS, TI, To				
	IC....16	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	20	1.827.989.20		Software 16/90, see note 1					
	21	1.827.989.21		Software 05/91, see note 1					
	23	1.827.989.22		Software 10/92, see note 1					
	24	1.827.989.23		Software 50/92, see note 1					
	IC....16	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....17	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....18	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	20	1.827.989.20		Software 16/90, see note 1					
	21	1.827.989.21		Software 05/91, see note 1					
	23	1.827.989.22		Software 10/92, see note 1					
	24	1.827.989.23		Software 50/92, see note 1					
	IC....16	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....17	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	IC....18	50.14.0125	27128	Hot, NS, Ph, RCA, SGS, TI, To					
	20	1.827.989.20		Software 16/90, see note 1					
	21	1.827.989.21		Software 05/91, see note 1					
	23	1.827.989.22		Software 10/92, see note 1					
	24	1.827.989.23		Software 50/92, see note 1					
	JS....1	..	see note 2						
	JS....2	..	see note 2						
	JS....3	..	see note 2						
	JS....4	..	see note 2						
	JS....5	..	see note 2						
	JS....6	..	see note 2						
	JS....7	..	see note 2						
	JS....8	..	see note 2						
	JS....9	..	see note 2						
	JS....10	..	see note 2						
	JS....11	..	see note 2						
	JS....12	..	see note 2						
	JS....13	..	see note 2						
	JS....14	..	see note 2						
	JS....15	..	see note 2						
	JS....16	..	see note 2						
	JS....17	..	see note 2						
	JS....18	..	see note 2						
	MP....1	29.21.6002							
	MP....2	29.21.6002							
	R....1	57.11.4322	3.3 kOhm	5%					
	R....2	00.00.0000	not used						
	R....3	57.11.4122	1.2 kOhm	5%					
	R....4	57.11.4122	1.2 kOhm	5%					
	R....5	57.11.4471	470 Ohm	5%					
	R....6	57.11.4471	470 Ohm	5%					
	R....7	00.00.0000	not used						
	R....8	57.11.4472	4.7 kOhm	5%					
	R....9	57.11.4472	4.7 kOhm	5%					
	RZ....1	57.88.4332		see note 3					
	RZ....2	57.88.4332		see note 3					
	RZ....3	57.88.4332		see note 3					
	RZ....4	57.88.4332		see note 3					
	RZ....5	57.88.4332		see note 3					
	RZ....6	57.88.4332		see note 3					
	RZ....7	57.88.4332		see note 3					
	S....1	65.03.0122	Chicago Switch	34-550-001					
	Y....1	89.01.0560	4.918 MHz, +100 ppm						

(20) 90/04/17 Software 16/90

AUDIO BASIS BOARD MCH 1.827.700.83



AUDIO BASIS BOARD MCH 1.827.700.83

PAGE 1

LINE INPUT

CHANNEL 1

LINE OUTPUT

CHANNEL 2

CHANNEL 3

CHANNEL 4

EL11

CHANNEL 5

CHANNEL 6

EL12

CHANNEL 7

CHANNEL 8

EL13

EL14

EL03

VU-PANEL
AUDIO CONNECTOR

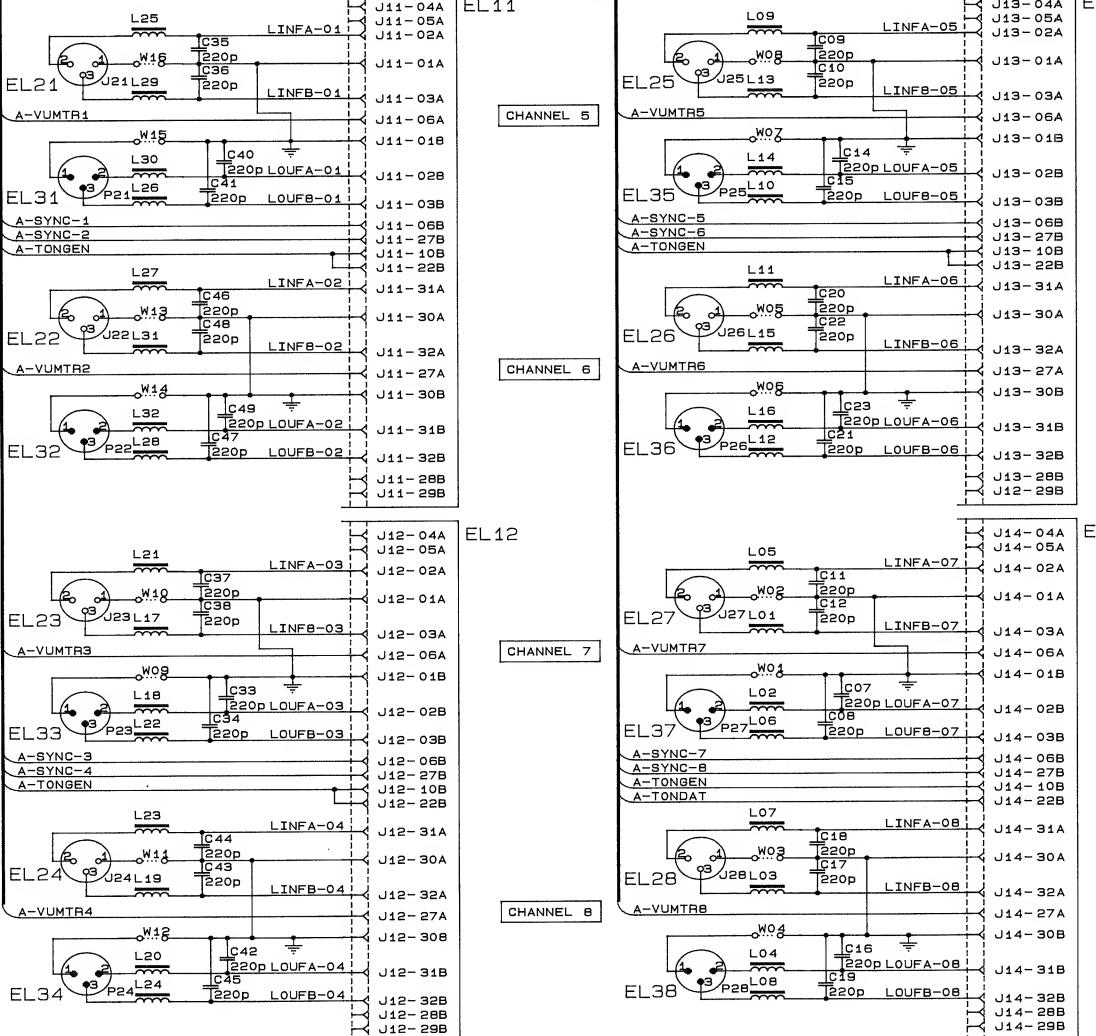
A-VUMTR1	J03-15
A-VUMTR2	J03-14
A-VUMTR3	J03-13
A-VUMTR4	J03-12
A-VUMTR5	J03-11
A-VUMTR6	J03-10
A-VUMTR7	J03-09
A-VUMTR8	J03-08
+15	J03-07
OVA	J03-05
-15	J03-04
A-SYNC-1	J03-03
A-SYNC-2	J03-02
A-SYNC-3	J03-01

EL05

A-SYNC-1	J06-08
A-SYNC-2	J06-09
A-SYNC-3	J06-02
A-SYNC-4	J06-01
O-SYNC-1	J06-03
O-SYNC-2	J06-06
O-SYNC-3	J06-04
O-SYNC-4	J06-05
KEY	J06-07

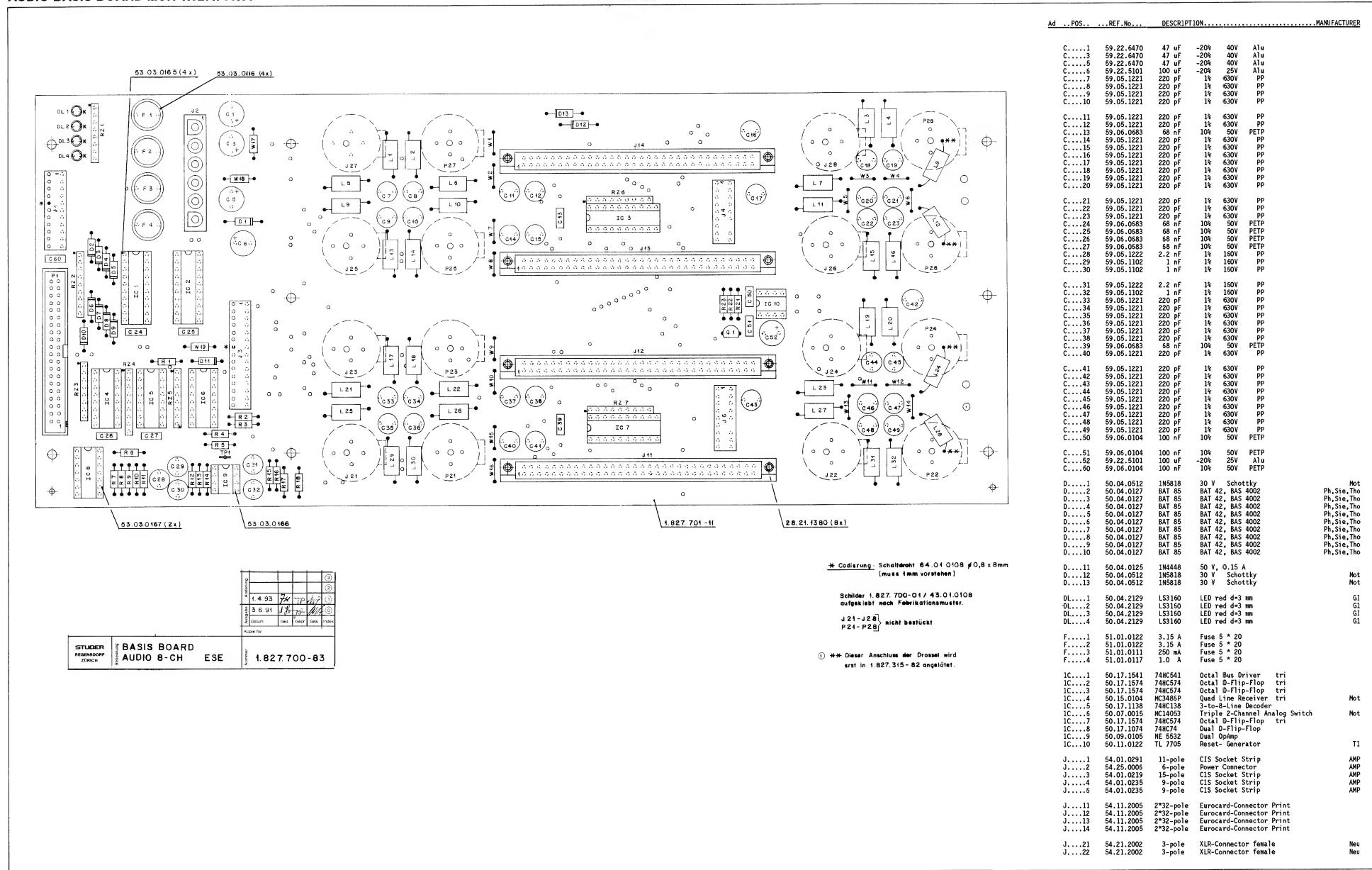
EL06

A-SYNC-5	J04-08
A-SYNC-6	J04-09
A-SYNC-7	J04-02
A-SYNC-8	J04-01
O-SYNC-5	J04-03
O-SYNC-6	J04-04
O-SYNC-7	J04-07
O-SYNC-8	J04-05
KEY	J04-06





AUDIO BASIS BOARD MCH 1.827.700.83



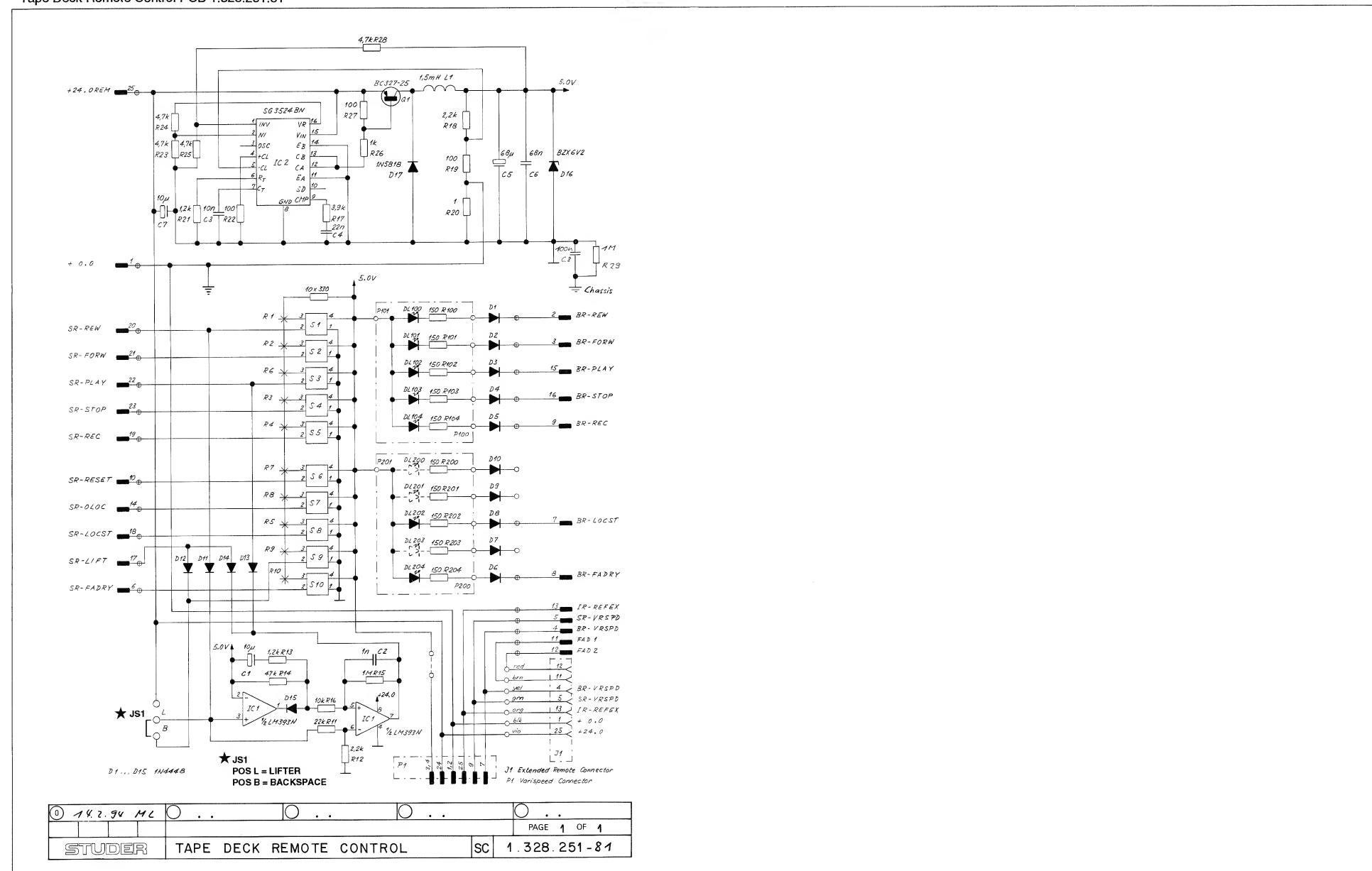


AUDIO BASIS BOARD MCH 1.827.700.83

Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER
J....23	54.21.2002	3-pole	XLR-Connector female	Neu	W....11	64.01.0106		Wire Bridge	
J....24	54.21.2002	3-pole	XLR-Connector female	Neu	W....12	64.01.0106		Wire Bridge	
J....25	54.21.2002	3-pole	XLR-Connector female	Neu	W....13	64.01.0106		Wire Bridge	
J....26	54.21.2002	3-pole	XLR-Connector female	Neu	W....14	64.01.0106		Wire Bridge	
J....27	54.21.2002	3-pole	XLR-Connector female	Neu	W....15	64.01.0106		Wire Bridge	
J....28	54.21.2002	3-pole	XLR-Connector female	Neu	W....16	64.01.0106		Wire Bridge	
L....1	62.01.0115		Interference Coil	Ph	W....17	57.11.3000		Wire Bridge	
L....2	62.01.0115		Interference Coil	Ph	W....18	57.11.3000		Wire Bridge	
L....3	62.01.0115		Interference Coil	Ph	W....19	57.11.3000		Wire Bridge	
L....4	62.01.0115		Interference Coil	Ph	XF....1	53.03.0116	5*20	Fuse Holder 6.3 A max.	
L....5	62.01.0115		Interference Coil	Ph	XF....2	53.03.0116	5*20	Fuse Holder 6.3 A max.	
L....6	62.01.0115		Interference Coil	Ph	XF....3	53.03.0116	5*20	Fuse Holder 6.3 A max.	
L....7	62.01.0115		Interference Coil	Ph	XF....4	53.03.0116	5*20	Fuse Holder 6.3 A max.	
L....8	62.01.0115		Interference Coil	Ph	XIC....1	53.03.0165	20-pole	IC-Socket	
L....9	62.01.0115		Interference Coil	Ph	XIC....2	53.03.0165	20-pole	IC-Socket	
L....10	62.01.0115		Interference Coil	Ph	XIC....3	53.03.0165	20-pole	IC-Socket	
L....11	62.01.0115		Interference Coil	Ph	XIC....4	53.03.0168	16-pole	IC-Socket	
L....12	62.01.0115		Interference Coil	Ph	XIC....5	53.03.0168	16-pole	IC-Socket	
L....13	62.01.0115		Interference Coil	Ph	XIC....6	53.03.0168	16-pole	IC-Socket	
L....14	62.01.0115		Interference Coil	Ph	XIC....7	53.03.0165	20-pole	IC-Socket	
L....15	62.01.0115		Interference Coil	Ph	XIC....8	53.03.0166	14-pole	IC-Socket	
L....16	62.01.0115		Interference Coil	Ph	XIC....9	53.03.0166	8-pole	IC-Socket	
L....17	62.01.0115		Interference Coil	Ph	XIC....10	53.03.0166	8-pole	IC-Socket	
L....18	62.01.0115		Interference Coil	Ph					
L....19	62.01.0115		Interference Coil	Ph					
L....20	62.01.0115		Interference Coil	Ph					
L....21	62.01.0115		Interference Coil	Ph					
L....22	62.01.0115		Interference Coil	Ph					
L....23	62.01.0115		Interference Coil	Ph					
L....24	62.01.0115		Interference Coil	Ph					
L....25	62.01.0115		Interference Coil	Ph					
L....26	62.01.0115		Interference Coil	Ph					
L....27	62.01.0115		Interference Coil	Ph					
L....28	62.01.0115		Interference Coil	Ph					
L....29	62.01.0115		Interference Coil	Ph					
L....30	62.01.0115		Interference Coil	Ph					
L....31	62.01.0115		Interference Coil	Ph					
L....32	62.01.0115		Interference Coil	Ph					
MP....1	28.21.1380	8 pcs	Rivet D 2.25 x 6.5						
MP....2	1.827.700.01	8 pce	Extruding Label						
MP....3	1.827.701.01	1 pc	Nr. Label	ST					
MP....4	1.827.701.11	1 pce	AUDIO BASIS PCB 8-CH	ST					
P....1	54.14.2004	40-pole	Connector						
P....21	54.21.2001	3-pole	XLR-Connector male	Neu					
P....22	54.21.2001	3-pole	XLR-Connector male	Neu					
P....23	54.21.2001	3-pole	XLR-Connector male	Neu					
P....24	54.21.2001	3-pole	XLR-Connector male	Neu					
P....25	54.21.2001	3-pole	XLR-Connector male	Neu					
P....26	54.21.2001	3-pole	XLR-Connector male	Neu					
P....27	54.21.2001	3-pole	XLR-Connector male	Neu					
P....28	54.21.2001	3-pole	XLR-Connector male	Neu					
Q....1	50.03.0436	237 B	BC 547 B						
R....1	57.11.3102	1.2	10 kOhm	1% 0.25W MF					
R....2	57.11.3103	10	10 kOhm	1% 0.25W MF					
R....3	57.11.3682	6.8	6.8 kOhm	1% 0.25W MF					
R....4	57.11.3682	6.8	6.8 kOhm	1% 0.25W MF					
R....5	57.11.3103	10	10 kOhm	1% 0.25W MF					
R....6	57.11.3332	3.3	3 kOhm	1% 0.25W MF					
R....7	57.11.3332	3.3	3 kOhm	1% 0.25W MF					
R....8	57.11.3391	390	390 Ohm	1% 0.25W MF					
R....9	57.11.3510	51	51 Ohm	1% 0.25W MF					
R....10	57.11.3102	1	1 kOhm	1% 0.25W MF					
R....11	57.11.3102	1	1 kOhm	1% 0.25W MF					
R....12	57.11.3471	470	470 Ohm	1% 0.25W MF					
R....13	57.11.3332	3.3	3.3 kOhm	1% 0.25W MF					
R....14	57.11.3561	560	560 Ohm	1% 0.25W MF					
R....15	57.11.3561	560	560 Ohm	1% 0.25W MF					
R....16	57.11.3681	680	680 Ohm	1% 0.25W MF					
R....17	57.11.3332	3.3	3.3 kOhm	1% 0.25W MF					
R....18	57.11.3472	4.7	4.7 kOhm	1% 0.25W MF					
R....19	57.11.3682	6.8	6.8 kOhm	1% 0.25W MF					
R....20	57.11.3332	3.3	3.3 kOhm	1% 0.25W MF					
R....21	57.11.3322	2.2	2.2 kOhm	1% 0.25W MF					
RZ....1	57.88.2102	4*1.00Ohm	5k	Single Line					
RZ....2	57.88.4332	8*3.310k	5k	Single Line					
RZ....3	57.88.2221	4*220 Ohm	5k	Single Line					
RZ....4	57.88.4471	8*680 Ohm	5k	Single Line					
RZ....5	57.88.4471	8*310k	5k	Single Line					
RZ....6	57.88.4471	8*470 Ohm	5k	Single Line					
RZ....7	57.88.4471	8*470 Ohm	5k	Single Line					
TP....1	54.02.0320		Connector flat 2.8*0.8 Print						
W....1	64.01.0106		Wire Bridge						
W....2	64.01.0106		Wire Bridge						
W....3	64.01.0106		Wire Bridge						
W....4	64.01.0106		Wire Bridge						
W....5	64.01.0106		Wire Bridge						
W....6	64.01.0106		Wire Bridge						
W....7	64.01.0106		Wire Bridge						
W....8	64.01.0106		Wire Bridge						
W....9	64.01.0106		Wire Bridge						
W....10	64.01.0106		Wire Bridge						

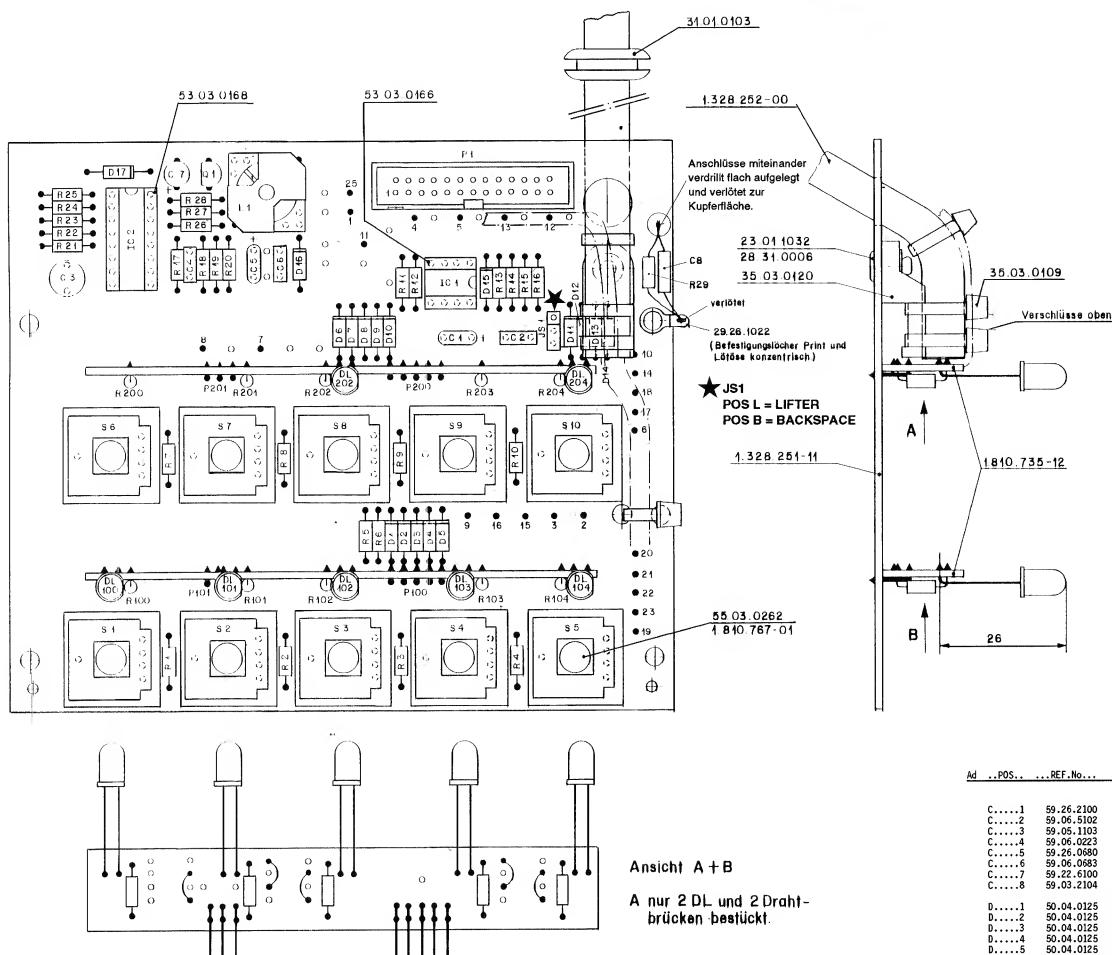
TAPE DECK REMOTE CONTROL CABINET (PARALLEL) 1.328.250.81

- Tape Deck Remote Control PCB 1.328.251.81

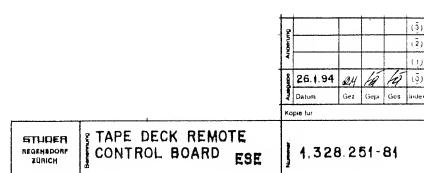


TAPE DECK REMOTE CONTROL CABINET (PARALLEL) 1.328.250.81

- Tape Deck Remote Control PCB 1.328.251.81



Ansicht A + B



Note 1 - Contact pin: Studer 54.01.0020, Berg 75 160-102-36
Bridges Studer 54.01.0021 Philips 2422 024 88001

Note 2 - Connector: Yamaichi FAP-26-08//4 Burndy BPH 9 B 26 B00 G

Note 3 - Switch: Studen 55-03-0261 Ref. 3-13001-110

Note 3 - Switch: Studer 55.03.0261, Rafi 5.55011.110
Extender: Studer 55.03.0262, Rafi 5.55101.690

Cer=Ceramic, El=Electrolytic, Sal=Solid aluminium,
PETP=Polyesterfilm, Pp=Polypropylen.

MANUFACTURER: CM=Chicago Miniatur. Fc=Fairchild.

GI=General Instruments, HP=Hewlett Packard,
ITT=Intertek, Mat=Motorola.

III=Intermetall, hot-meltcatal.,
 NS=National Semiconductors, Ph=Philips, Ses=Sescomsem,
 SG=Silicon General, Si=Siemens, St=Studer, Th=Thomson

SG=Siemens, Ge=General, St=Stamats, Mo=Motorola,
TI=Texas Instruments, Tf=Telefunken.

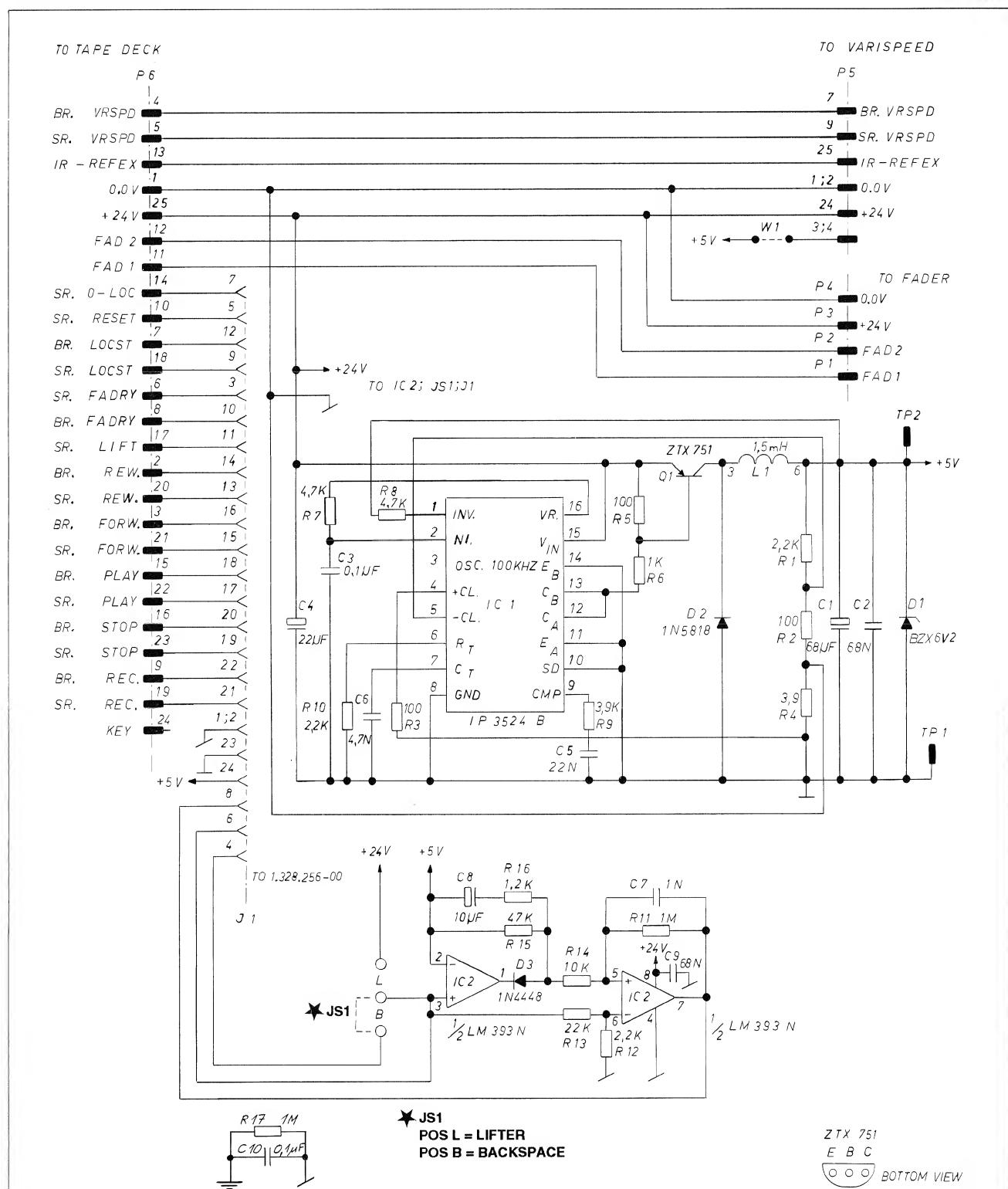
1.328.251.81 TAPE DECK, REMOTE CONTROL

END

Digitized by srujanika@gmail.com

TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81

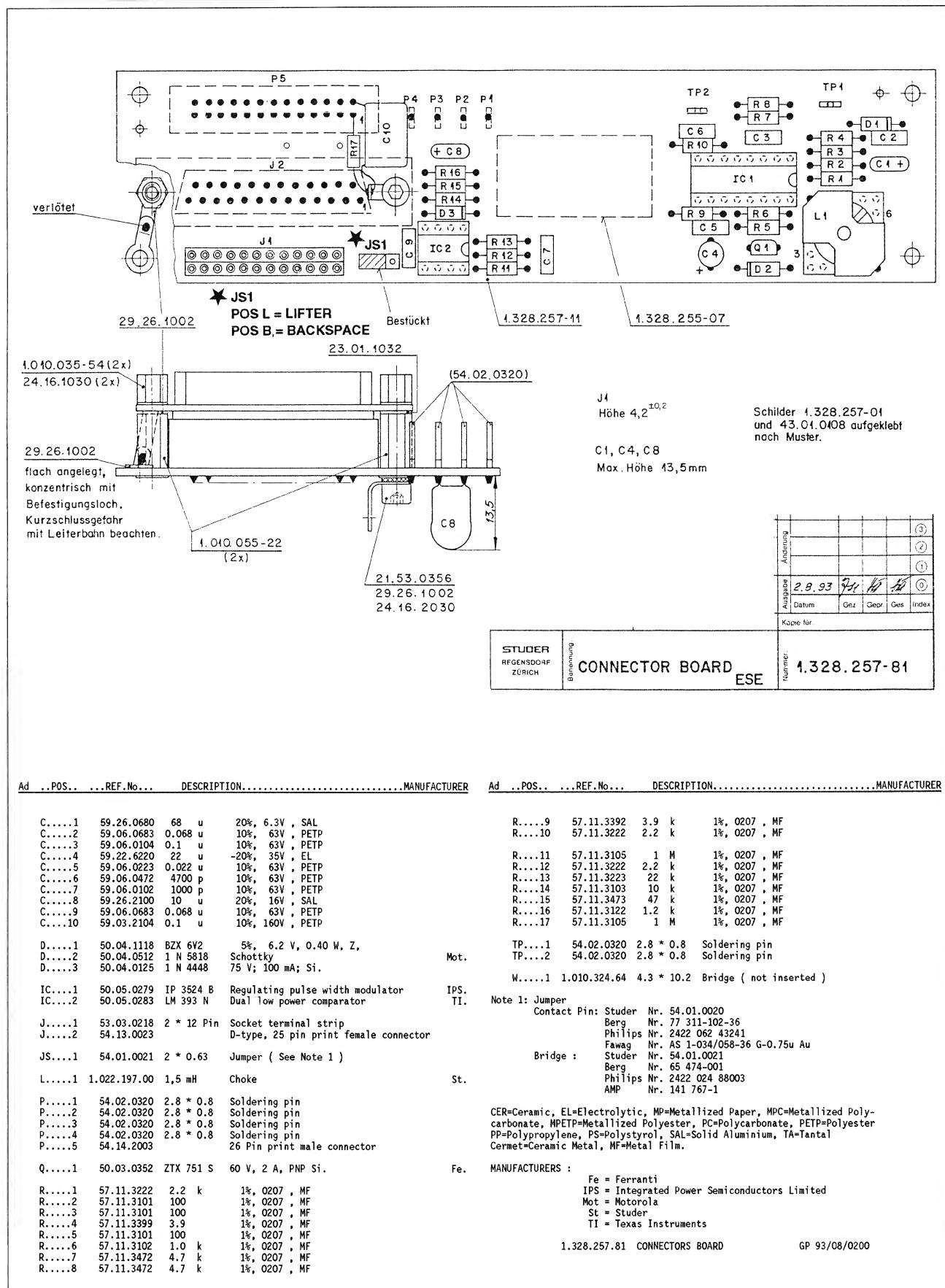
- Connector Board 1.328.257.81

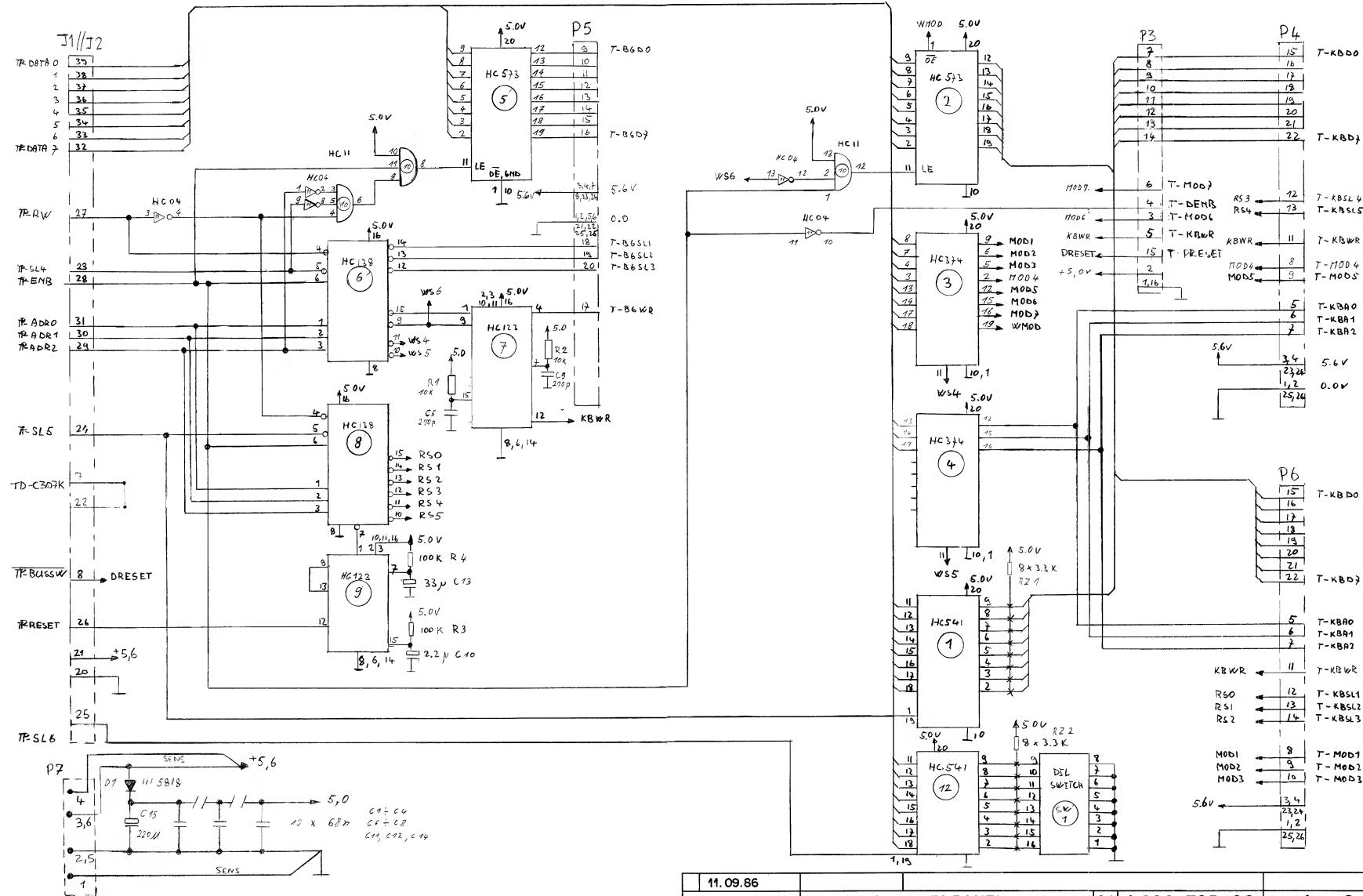


02.08.93 C, METZ	MODUL	PARALLEL	A 7 2 7, A 8 1 2, A 8 2 0	PAGE 1 OF 1
	CONNECTOR	BOARD		
STUDER			SC	1, 3 2 8, 2 5 7 - 81

TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81

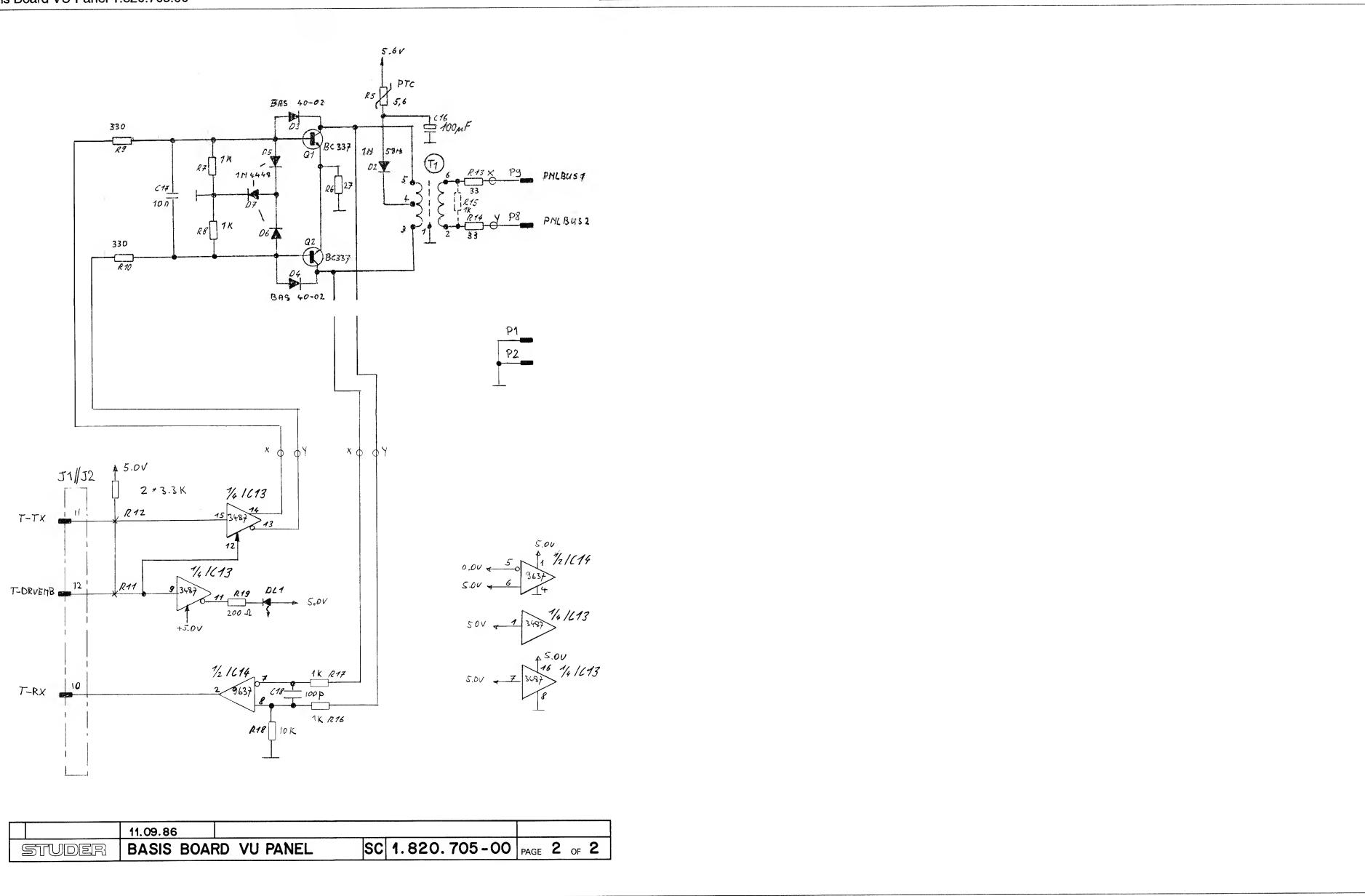
- Connector Board 1.328.257.81



PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
-Basis Board VU Panel 1.820.705.00

11.09.86	STUDER	BASIS BOARD VU PANEL	SC 1.820.705-00	PAGE 1 OF 2
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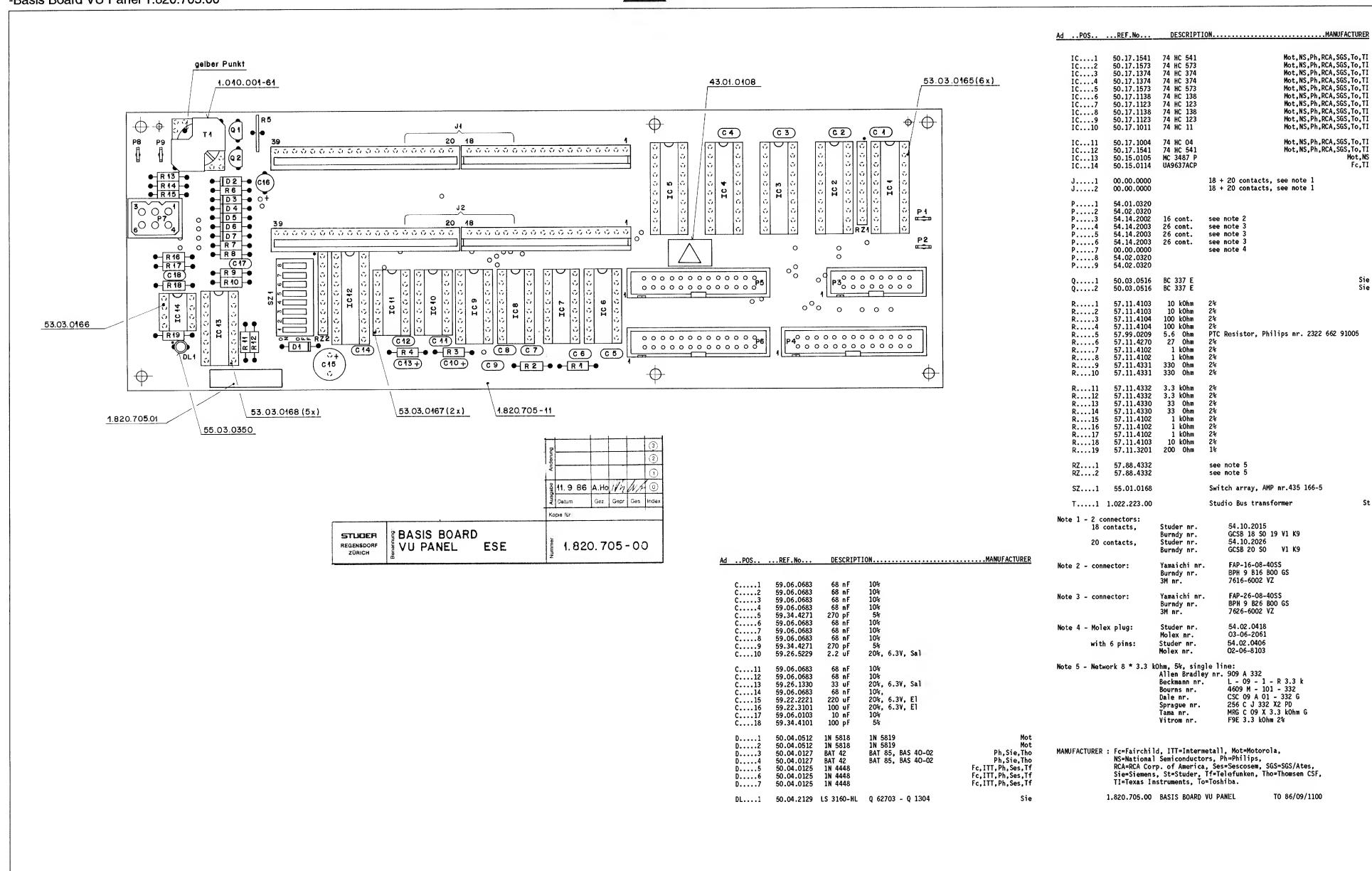
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
-Basis Board VU Panel 1.820.705.00



11.09.86		
STUDER	BASIS BOARD VU PANEL	SC 1.820.705-00 PAGE 2 OF 2

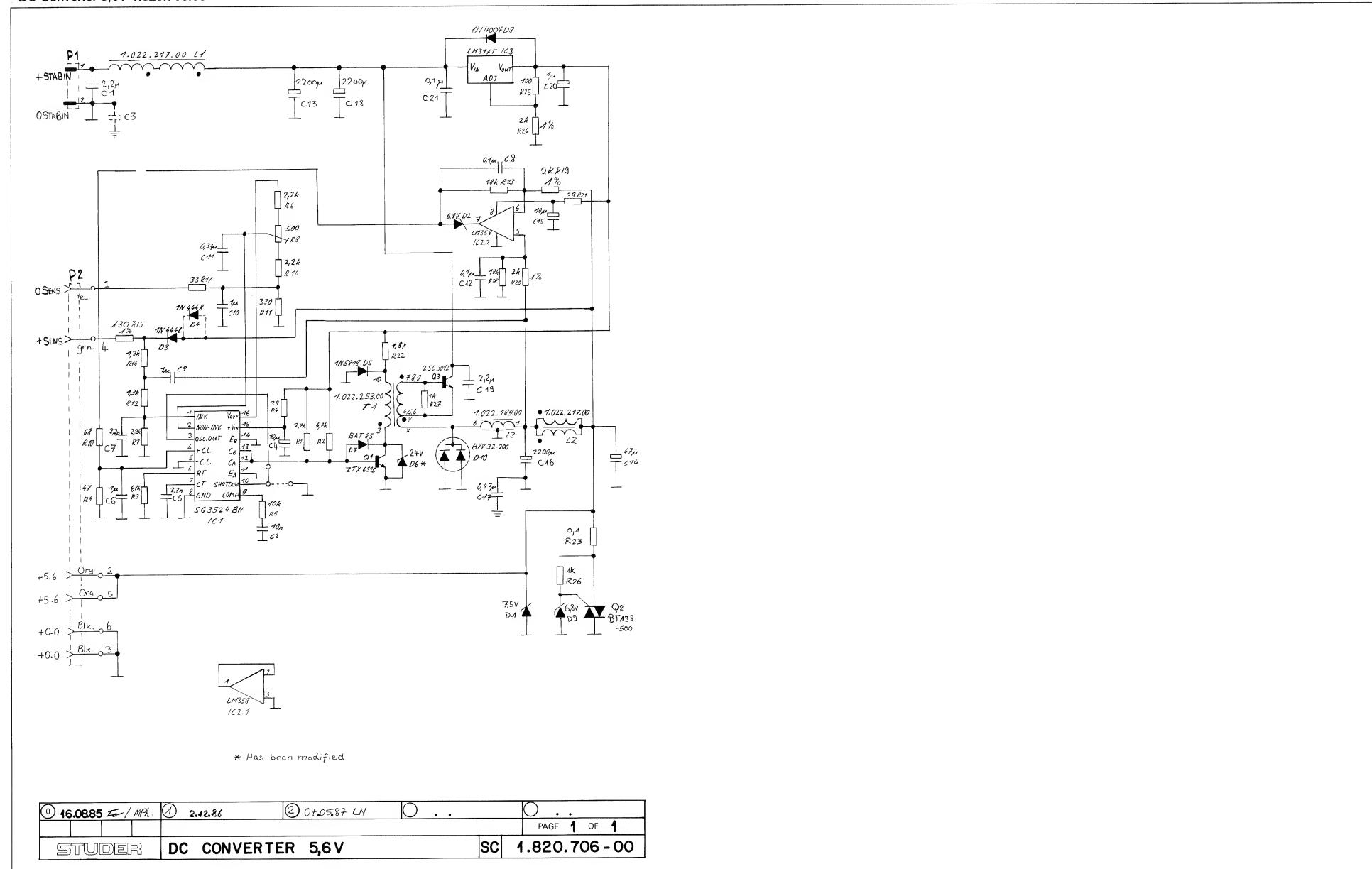
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

-Basis Board VU Panel 1.820.705.00



PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- DC Converter 5,6V 1.820.706.00

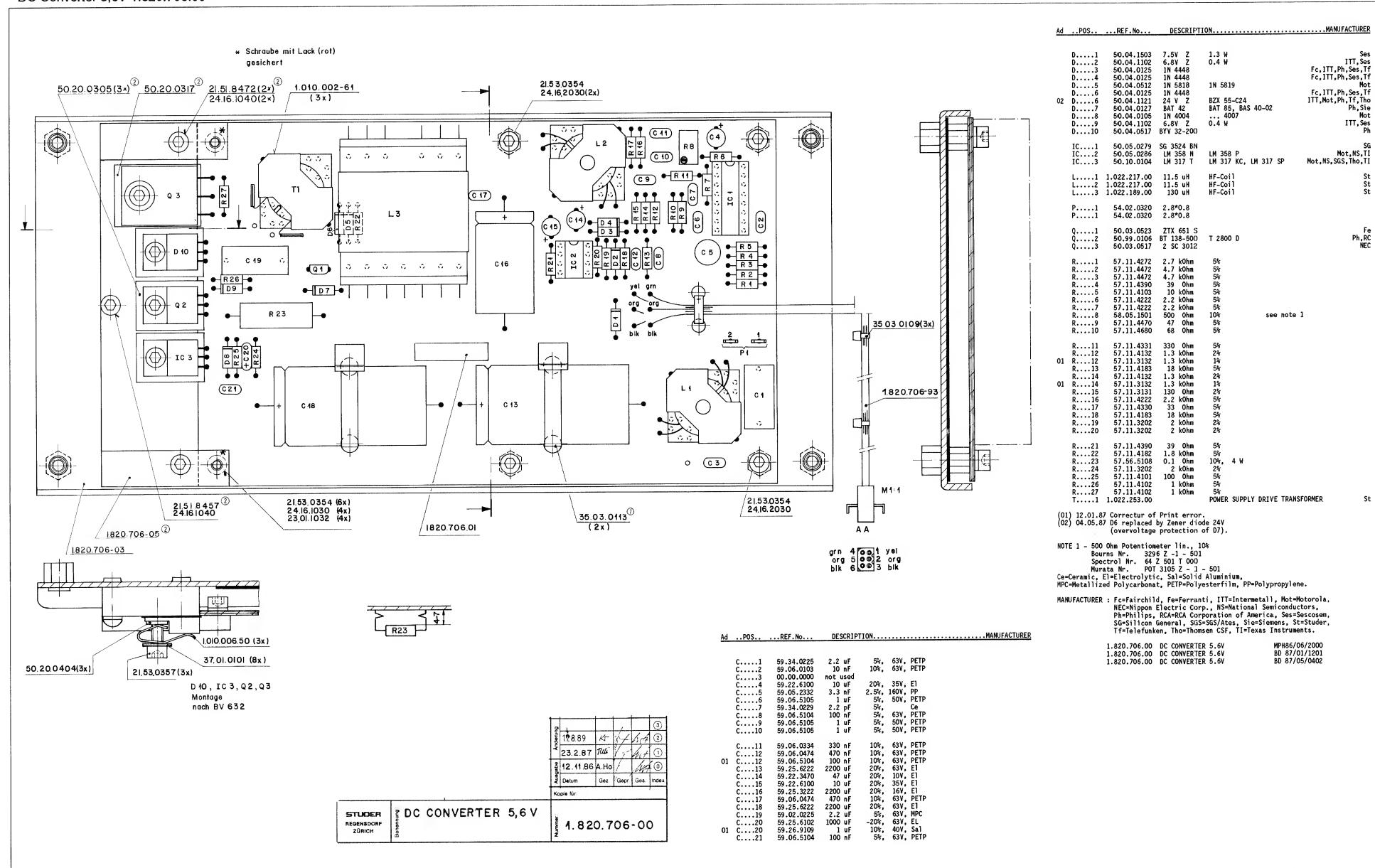


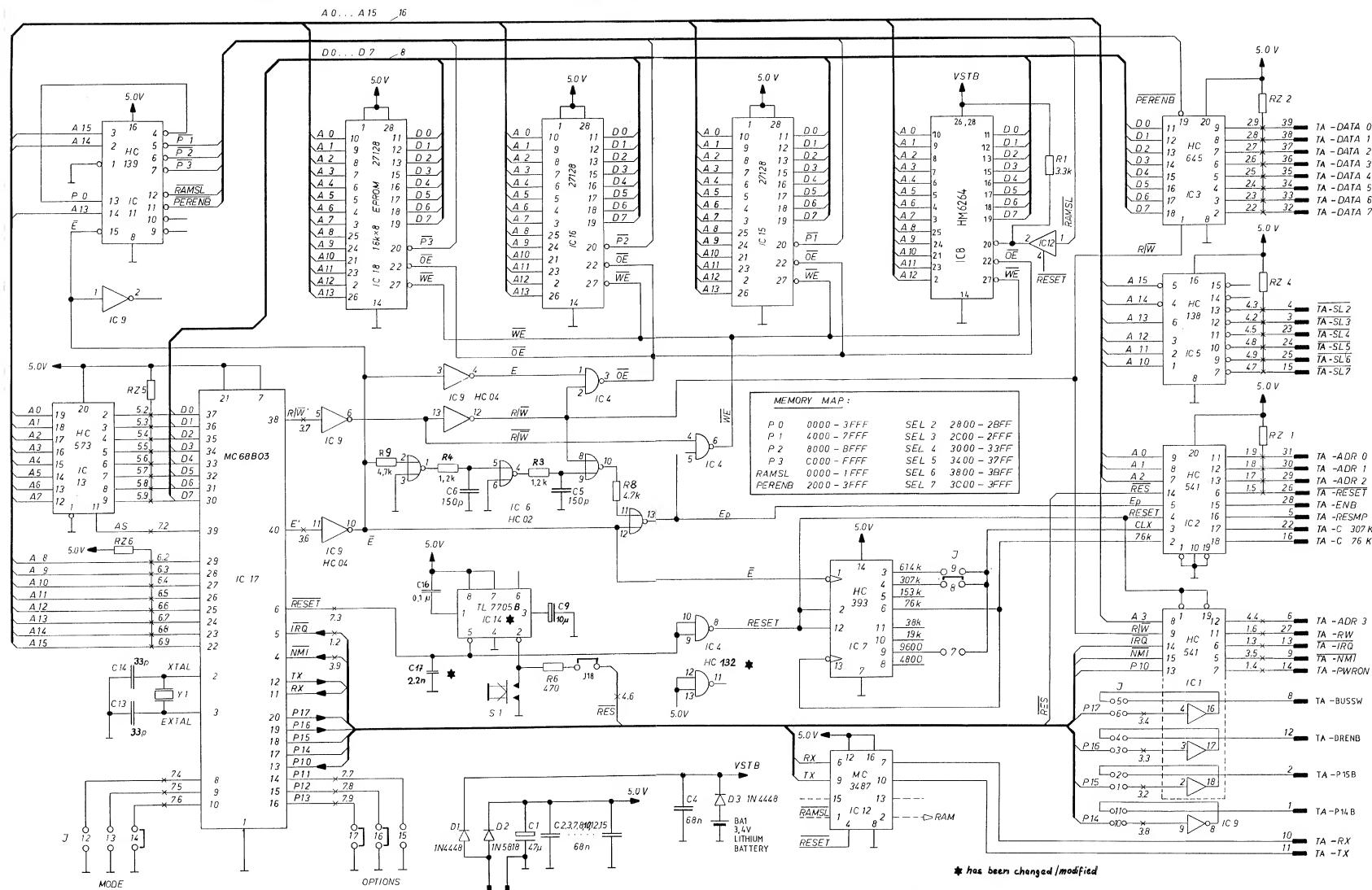
* Has been modified

① 16.0885	11 / 18%	① 2.12.86	② 04.05.87 LN	① . .	① . .	PAGE 1 OF 1
STUDER	DC CONVERTER 5,6V	SC	1.820.706 - 00			

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- DC Converter 5,6V 1.820.706.00

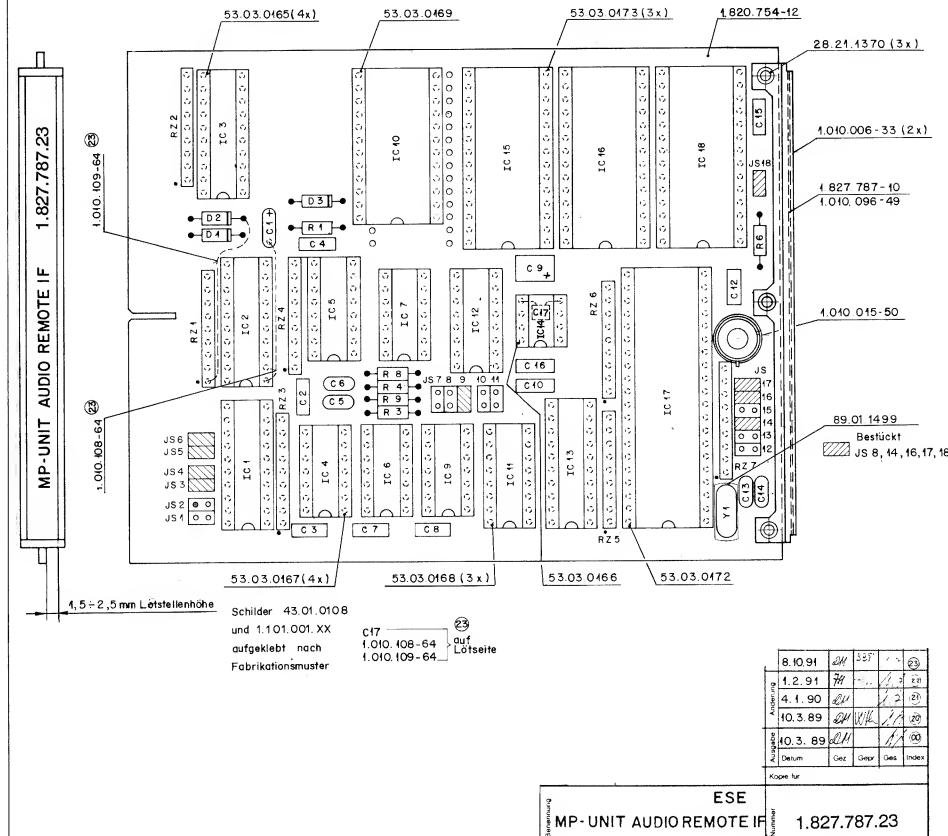


PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
- MP Unit Audio Remote IF 1.827.787.23

① 15.05.87 phl	② 15.05.87 phl	③ .	④ .
A 820 Logic Section			
STUDER	MP - UNIT AUDIO REMOTE IF	SC	1.827.787.23

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- MP Unit Audio Remote IF 1.827.787.23



Ad	.POS..	.REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	.POS..	.REF.No...	DESCRIPTION.....	MANUFACTURER
C.....1	59.26.0470	47 uF	20%, 6.3V , SaI	Ph	Inelmetro N.	R88 3.3 k 5%			
C.....2	59.06.0683	68 nF	10%, 63V , PETP	Ce=Ceramic, SaI=Solid Aluminium, PETP=Polyesterfilm.					
C.....3	59.06.0683	68 nF	10%, 63V , PETP	MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intertel, Mo=Motorola,					
C.....4	59.34.1751	150 pF	2%, Ce	NS=National Semiconductors, OK=OKI, Ph=Philips,					
C.....5	59.34.1751	150 pF	2%, Ce	Ses=Secosense, Tf=Telefunken, Li=Lexas Instruments.					
C.....6	59.34.1751	150 pF	2%, Ce						
C.....7	59.06.0683	68 nF	10%, 63V , PETP	1.827.787.00 MP-UNIT AUDIO REMOTE IF	Wth89/02/1400				
C.....8	59.06.0683	68 nF	10%, 63V , PETP	1.827.787.00 MP-UNIT AUDIO REMOTE IF	Wth89/02/1420				
C.....9	59.25.2100	10 uF	20%, 16V , SaI	1.827.787.00 MP-UNIT AUDIO REMOTE IF	Wth90/04/0121				
C.....10	59.06.0683	68 nF	10%, 63V , PETP	1.827.787.00 MP-UNIT AUDIO REMOTE IF	Wth91/02/0122				
C.....11	00.00.0000	not used		1.827.787.00 MP-UNIT AUDIO REMOTE IF	B8791/10/0823				
C.....12	59.06.0683	68 nF	10%, 63V , PETP						
C.....13	59.34.2330	33 pF	5%, Ce						
C.....14	59.34.2330	33 pF	5%, Ce						
C.....15	59.06.0683	68 nF	10%, 63V , PETP						
C.....16	59.06.0104	100 nF	10%, 63V , PETP						
C.....17	59.06.0222	2.2 nF	10%, 63V , PETP						
23					END				
D.....1	50.04.0128	1N 4448		Fc,ITT,Ph,Ses,Tf					
D.....2	50.04.0512	1N 5018	1N 5819	Not					
D.....3	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf					
IC.....1	50.17.1541	74 HC 541		Not,NS,Ph,RCA,SGS,TI,To					
IC.....2	50.17.1541	74 HC 541		Not,NS,Ph,RCA,SGS,TI,To					
IC.....3	50.17.1541	74 HC 645		Not,NS,Ph,RCA,SGS,TI,To					
IC.....4	50.17.1000	74 HC 70		Not,NS,Ph,RCA,SGS,TI,To					
IC.....5	50.17.1132	74 HC 132		Not,NS,Ph,RCA,SGS,TI,To					
IC.....6	50.17.1138	74 HC 138		Not,NS,Ph,RCA,SGS,TI,To					
IC.....7	50.17.1002	74 HC 02		Not,NS,Ph,RCA,SGS,TI,To					
IC.....8	50.17.1003	74 HC 03		Not,NS,Ph,RCA,SGS,TI,To					
IC.....9	00.00.0000	not used		Not,NS,Ph,RCA,SGS,TI,To					
IC.....10	50.17.0004	74 HCT 04		Not,NS,Ph,RCA,SGS,TI,To					
IC.....11	50.14.0107	HMH116LP-4	MSM 5128-15	Hi,OKI					
IC.....12	50.15.0105	MC 3487 P	DS 3487 N	Not,NS,Ph,RCA,SGS,TI,To					
IC.....13	50.17.1573	74 HC 573		Not,NS					
IC.....14	50.11.0122	TL7705ACP	TL7705ACP	Not,NS,Ph,RCA,SGS,TI,To					
IC.....15	50.11.0122	TL7705ACP		TI					
IC.....16	00.00.0000	not used		Not,NS,Ph,RCA,SGS,TI,To					
IC.....17	50.16.0107	MC6803P-1	6003P-L	Not,Hi					
IC.....18	50.11.0122	27128	88271286-30	Hi,It					
20				Software 32/89					
21				Software 48/89					
22				Software 05/91					
JS.....1	00.00.0000	see note 1							
JS.....2	.	see note 1							
JS.....3	.	see note 1							
JS.....4	.	see note 1							
JS.....5	.	see note 1							
JS.....6	.	see note 1							
JS.....7	.	see note 1							
JS.....8	.	see note 1							
JS.....9	.	see note 1							
JS.....10	.	see note 1							
JS.....11	.	see note 1							
JS.....12	.	see note 1							
JS.....13	.	see note 1							
JS.....14	.	see note 1							
JS.....15	.	see note 1							
JS.....16	.	see note 1							
JS.....17	.	see note 1							
JS.....18	.	see note 1							
R.....1	57.11.3332	3.3 kOhm	5%						
R.....2	00.00.0000	not used							
R.....3	57.11.3122	1.2 kOhm	5%						
R.....4	57.11.3122	1.2 kOhm	5%						
R.....5	00.00.0000	not used							
R.....6	57.11.3471	470 Ohm	5%						
R.....7	00.00.0000	not used							
R.....8	57.11.3472	4.7 kOhm	5%						
R.....9	57.11.3472	4.7 kOhm	5%						
RZ....1	57.88.4332			see note 2					
RZ....2	57.88.4332			see note 2					
RZ....3	57.88.4332			see note 2					
RZ....4	57.88.4332			see note 2					
RZ....5	57.88.4332			see note 2					
RZ....6	57.88.4332			see note 2					
RZ....7	57.88.4332			see note 2					
S.....1	55.03.0122	Chicago Switch	34-550-001						
Y.....1	89.01.0560	4,9152	MHz, +10 ppm						

(20) 89/08/09 Software 32/89

(21) 90/01/04 Software 48/89

(22) 91/02/01 Software 05/91

(22) 01/10/09 Com. software 00/31

(23) 91/10/06 same software as

Note 1 - Contact pin: Stude
Berg

Bridge:

bridge.

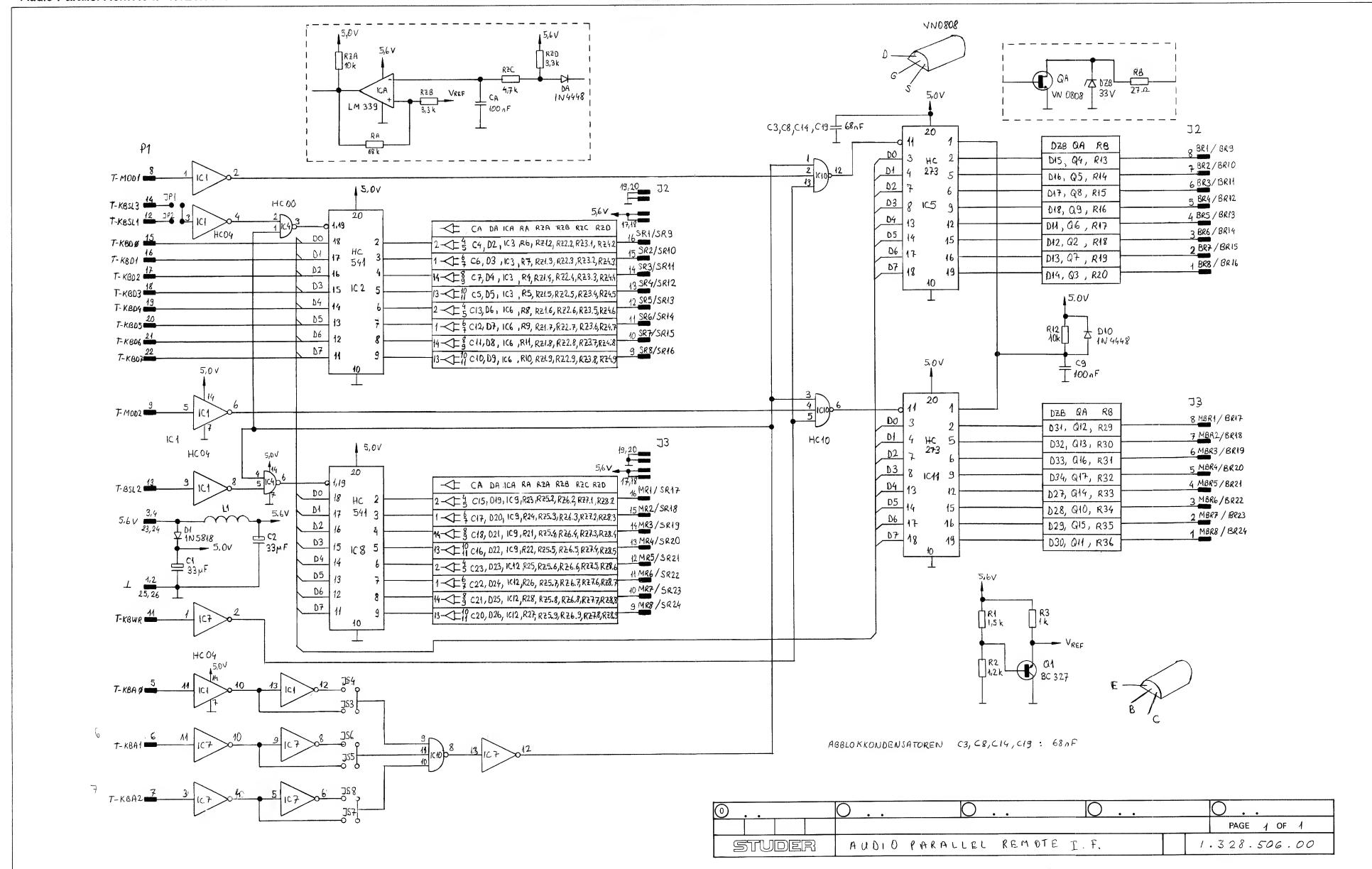
PHOTO

Note 2 - Network: 8 * 3
Sicov

Page 1 of 1

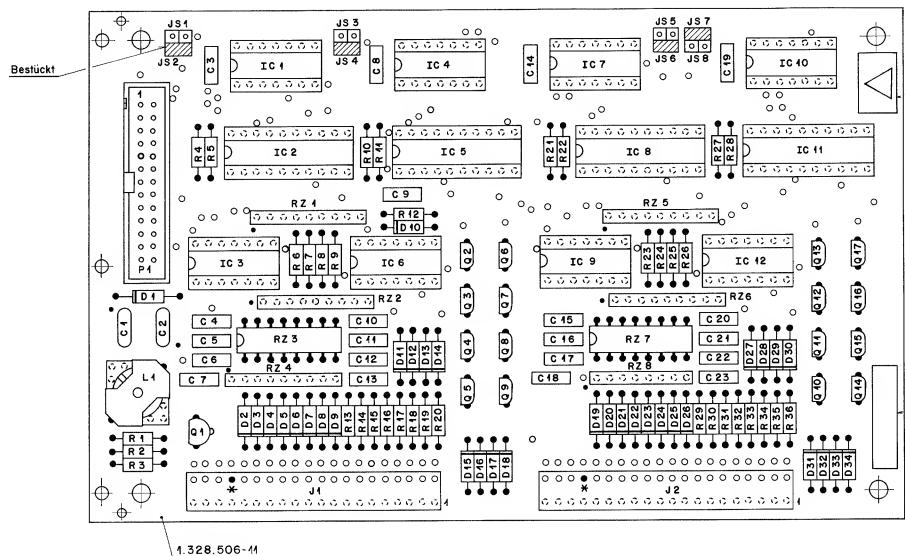
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Audio Parallel Remote IF 1.328.506.00

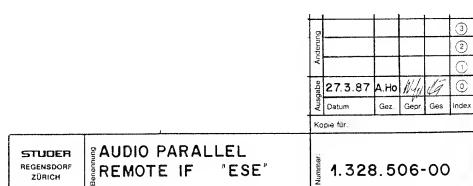


PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Audio Parallel Remote IF 1.328.506.00



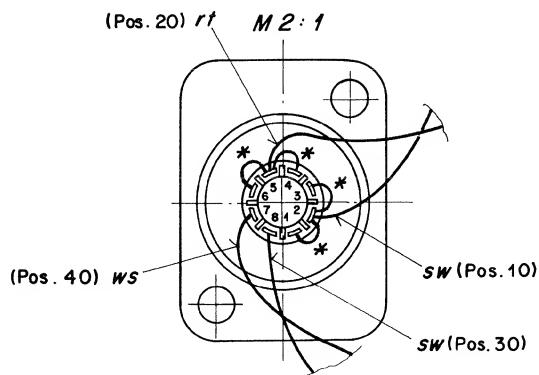
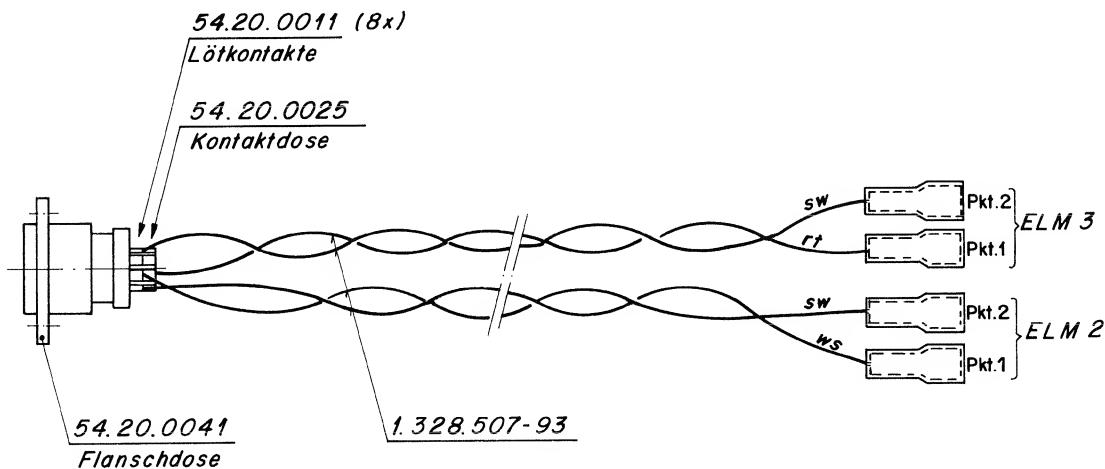
* Codierung : Schaltdraht 64.01.0108 ø 0,8 x 8 mm
(muss 1mm vorstehen)



Ad	POS.	REF. No.	DESCRIPTION	MANUFACTURER	Ad	POS.	REF. No.	DESCRIPTION	MANUFACTURER
C.....1	59.26.1330	33 uF	20%, 10V, SAL	Ph,Ri	Q.....12	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....2	59.26.1330	33 uF	20%, 10V, SAL	Ph,Ri	Q.....13	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....3	59.06.0104	100 nF	10%, PETP		Q.....14	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....4	59.06.0104	100 nF	10%, PETP		Q.....15	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....5	59.06.0104	100 nF	10%, PETP		Q.....16	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....6	59.06.0104	100 nF	10%, PETP		Q.....17	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six
C.....7	59.06.0104	100 nF	10%, PETP		R.....1	57.11.4102	1.5 kOhm	5%	Fe,Six
C.....8	59.06.0683	58 nF	10%, PETP		R.....2	57.11.4102	1.2 kOhm	5%	Fe,Six
C.....9	59.06.0104	100 nF	10%, PETP		R.....3	57.11.4102	0.8 kOhm	5%	Fe,Six
C.....10	59.06.0104	100 nF	10%, PETP		R.....4	57.11.4102	0.5 kOhm	5%	Fe,Six
C.....11	59.06.0104	100 nF	10%, PETP		R.....5	57.11.4683	68 kOhm	5%	Fe,Six
C.....12	59.06.0104	100 nF	10%, PETP		R.....6	57.11.4683	68 kOhm	5%	Fe,Six
C.....13	59.06.0104	100 nF	10%, PETP		R.....7	57.11.4683	68 kOhm	5%	Fe,Six
C.....14	59.06.0104	100 nF	10%, PETP		R.....8	57.11.4683	68 kOhm	5%	Fe,Six
C.....15	59.06.0104	100 nF	10%, PETP		R.....9	57.11.4683	68 kOhm	5%	Fe,Six
C.....16	59.06.0104	100 nF	10%, PETP		R.....10	57.11.4683	68 kOhm	5%	Fe,Six
C.....17	59.06.0104	100 nF	10%, PETP		R.....11	57.11.4683	68 kOhm	5%	Fe,Six
C.....18	59.06.0104	100 nF	10%, PETP		R.....12	57.11.4103	10 kOhm	5%	Fe,Six
C.....19	59.06.0104	100 nF	10%, PETP		R.....13	57.11.4270	27 Ohm	5%	Fe,Six
C.....20	59.06.0104	100 nF	10%, PETP		R.....14	57.11.4270	27 Ohm	5%	Fe,Six
C.....21	59.06.0104	100 nF	10%, PETP		R.....15	57.11.4270	27 Ohm	5%	Fe,Six
C.....22	59.06.0104	100 nF	10%, PETP		R.....16	57.11.4270	27 Ohm	5%	Fe,Six
C.....23	59.06.0104	100 nF	10%, PETP		R.....17	57.11.4270	27 Ohm	5%	Fe,Six
C.....24	59.06.0104	100 nF	10%, PETP		R.....18	57.11.4270	27 Ohm	5%	Fe,Six
O.....1	50.04.0512	IN 5818	IN 5819	No	R.....19	57.11.4270	27 Ohm	5%	Fe,Six
O.....2	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....20	57.11.4270	27 Ohm	5%	Fe,Six
O.....3	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....21	57.11.4683	68 kOhm	5%	Fe,Six
O.....4	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....22	57.11.4683	68 kOhm	5%	Fe,Six
O.....5	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....23	57.11.4683	68 kOhm	5%	Fe,Six
O.....6	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....24	57.11.4683	68 kOhm	5%	Fe,Six
O.....7	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....25	57.11.4683	68 kOhm	5%	Fe,Six
O.....8	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....26	57.11.4683	68 kOhm	5%	Fe,Six
O.....9	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....27	57.11.4683	68 kOhm	5%	Fe,Six
O.....10	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		R.....28	57.11.4683	68 kOhm	5%	Fe,Six
O.....11	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....29	57.11.4270	27 Ohm	5%	Fe,Six
O.....12	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....30	57.11.4270	27 Ohm	5%	Fe,Six
O.....13	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....31	57.11.4270	27 Ohm	5%	Fe,Six
O.....14	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....32	57.11.4270	27 Ohm	5%	Fe,Six
O.....15	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....33	57.11.4270	27 Ohm	5%	Fe,Six
O.....16	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....34	57.11.4270	27 Ohm	5%	Fe,Six
O.....17	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho	R.....35	57.11.4270	27 Ohm	5%	Fe,Six
O.....18	50.04.1127	33 V	Z BZX 55-C33	FC, I _{TT} , Ph, Ses, Tf	R.....36	57.11.4270	27 Ohm	5%	Fe,Six
O.....19	50.04.1127	33 V	IN 4448	FC, I _{TT} , Ph, Ses, Tf	R.....37	57.11.4270	27 Ohm	5%	Fe,Six
O.....20	50.04.1127	33 V	IN 4448	FC, I _{TT} , Ph, Ses, Tf	R.....38	57.11.4270	27 Ohm	5%	Fe,Six
D.....1	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....1	57.68.4103	R-Network 8*10	kOhm SIP 9	5%
D.....2	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....2	57.68.4332	R-Network 8*3.3	kOhm SIP 9	5%
D.....3	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....3	57.68.3472	R-Network 8*4.7	kOhm DIL 16	5%
D.....4	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....4	57.68.4332	R-Network 8*3.3	kOhm SIP 9	5%
D.....5	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....5	57.68.4332	R-Network 8*3.3	kOhm SIP 9	5%
D.....6	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....6	57.68.3472	R-Network 8*4.7	kOhm DIL 16	5%
D.....7	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....7	57.68.3472	R-Network 8*4.7	kOhm DIL 16	5%
D.....8	50.04.0125	IN 4448	FC, I _{TT} , Ph, Ses, Tf		RZ.....8	57.68.4332	R-Network 8*3.3	kOhm SIP 9	5%
D.....9	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....10	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....11	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....12	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....13	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....14	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....15	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....16	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....17	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....18	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....19	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
D.....20	50.04.1127	33 V	Z BZX 55-C33	ITT, Mot, Ph, Tf, Tho					
IC.....1	50.17.1004			Not, NS, Ph, Rca, SGS, TI, To					
IC.....2	50.17.1541			Not, NS, Ph, Rca, SGS, TI, To					
IC.....3	50.11.0104	LM 339 N	uA 339 PC	Fz, Mot, NS					
IC.....4	50.17.1000			Not, NS, Ph, Rca, SGS, TI, To					
IC.....5	50.17.1273			Not, NS, Ph, Rca, SGS, TI, To					
IC.....6	50.11.0104	LM 339 N	uA 339 PC	Fz, Mot, NS					
IC.....7	50.17.1004			Not, NS, Ph, Rca, SGS, TI, To					
IC.....8	50.17.1541			Not, NS, Ph, Rca, SGS, TI, To					
IC.....9	50.11.0104	LM 339 N	uA 339 PC	Fz, Mot, NS					
IC.....10	50.17.1010			Not, NS, Ph, Rca, SGS, TI, To					
IC.....11	50.17.1273			Not, NS, Ph, Rca, SGS, TI, To					
IC.....12	50.11.0104	LM 339 N	uA 339 PC	Fz, Mot, NS					
JS.....1	00.00.0000			see note 1					
JS.....2	00.00.0000			see note 1					
JS.....3	00.00.0000			see note 1					
JS.....4	00.00.0000			see note 1					
JS.....5	00.00.0000			see note 1					
JS.....6	00.00.0000			see note 1					
JS.....7	00.00.0000			see note 1					
JS.....8	00.00.0000			see note 1					
L.....1	1.166.154.00			St					
P.....1	54.14.2003			see note 2					
J.....1	54.01.0226			see note 3					
J.....2	54.01.0226			see note 3					
IC.....1	50.03.0551	BC 327-25	VN 0808M	ITT, Ph, Sje					
IC.....2	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....3	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....4	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....5	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....6	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....7	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....8	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....9	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
IC.....10	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					
Q.....11	50.03.1505	VN 0808M	VN 0808 MTR, 2VIN 0108A	Fe,Six					

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Connector Pre-Wired 1.328.507.00



Anschrift				(3)
				(2)
				(1)
Ausgabe				(0)
5.3.87 A.HÖWEL				
Untum	Gez.	Gepr.	Ges.	Index
Kopie für:				

STUDER
REGENSDORF
ZÜRICH

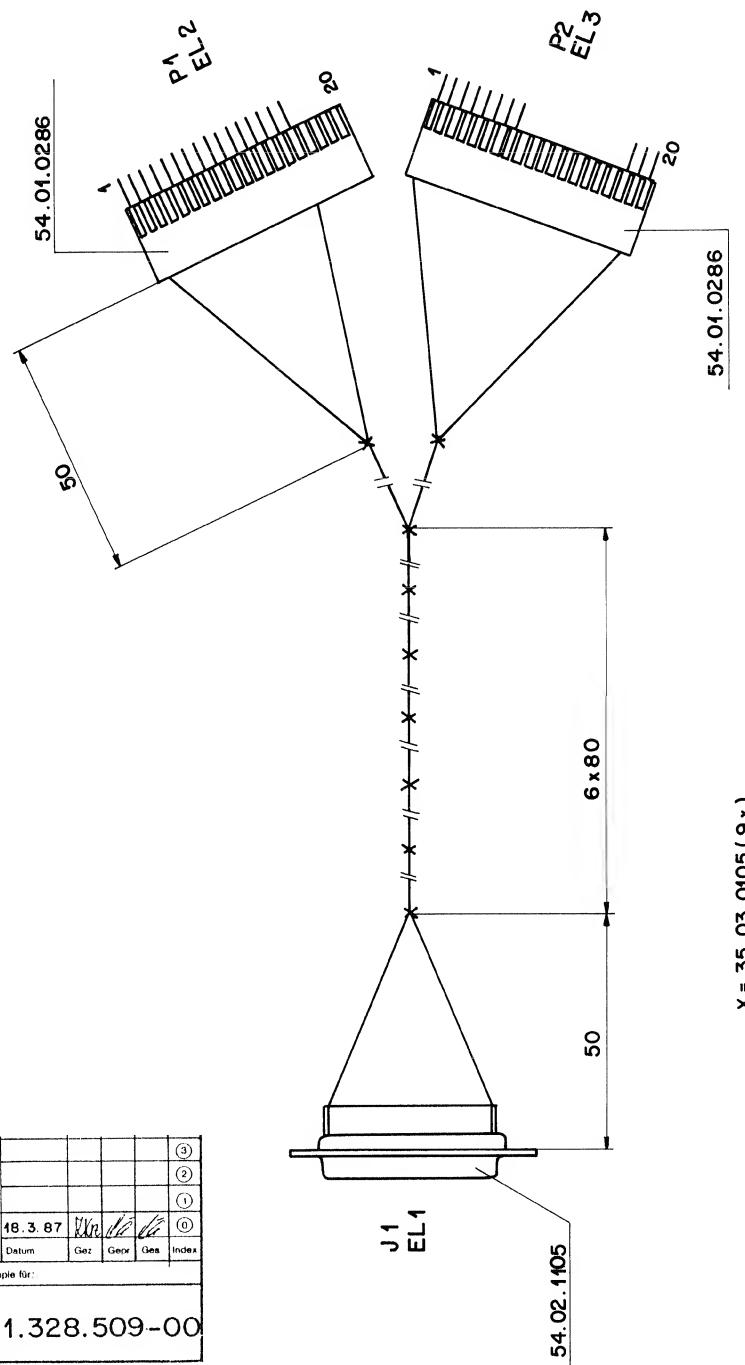
Bestellnr.:

Connector pre-wired

Nummer: 1.328.507.00

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- KB Audio Remote Par. 8CH 1.328.509.00



STUDER REGENSDORF ZÜRICH	Benennung: KB Audio Remote Par. 8CH	Nummer: 1.328.509-00
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Aenderung	(3)	(2)	(1)	(0)
18.3.87	W	10/8		
Datum	Ge.	Genr.	Gen.	Index

Kopie für:

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- KB Audio Remote Par. 8CH + M 1.328.508.00

